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Fishes

PROPAGATION AND DISTRIBUTION OF FISHES

FROM THE
NATIONAL FISH HATCHERY SYSTEM

REPORT NO. 19
FISCAL YEAR 1984

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



PROPAGATION AND DISTRIBUTION OF FISHES

FROM THE NATIONAL FISH HATCHERY SYSTEM

FISCAL YEAR 1984

FISH DISTRIBUTION REPORT 19

**PREPARED BY
DIVISION OF PROGRAM OPERATIONS—FISHERIES**

POINTING OUT A DISTRIBUTION

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PROPAGATION AND DISTRIBUTION OF FISHES

FROM THE NATIONAL FISH HATCHERY SYSTEM

REPORT NO. 19
FISCAL YEAR 1984

A publication listing National Fish Hatcheries, fish species propagated,
and the distribution of eggs, fry, fingerlings, and adults.

ROBERT A. JANTZEN
DIRECTOR
U.S. FISH AND WILDLIFE SERVICE

F. EUGENE HESTER
DEPUTY DIRECTOR
U.S. FISH AND WILDLIFE SERVICE

JOSEPH H. KUTKUHN
ASSOCIATE DIRECTOR
FISHERY RESOURCES PROGRAM

For copies, contact:
U.S. Fish and Wildlife Service
Division of Program Operations-Fisheries
18th & C Streets, NW.
Washington, D.C. 20240

PROPAGATION AND THE FUTURE

OF THE

FROM THE NATIONAL BUREAU OF MATHEMATICS

REPORT NO. 10

FISCAL YEAR 1951

1. The purpose of this report is to provide a summary of the work done by the National Bureau of Mathematics during the fiscal year 1951. The report is divided into two main parts: a summary of the work done by the Bureau and a summary of the work done by the various research groups. The first part of the report is a summary of the work done by the Bureau. This part is divided into three sections: a summary of the work done by the Bureau in the field of mathematics, a summary of the work done by the Bureau in the field of statistics, and a summary of the work done by the Bureau in the field of applied mathematics. The second part of the report is a summary of the work done by the various research groups. This part is divided into three sections: a summary of the work done by the research group in the field of mathematics, a summary of the work done by the research group in the field of statistics, and a summary of the work done by the research group in the field of applied mathematics.

ROBERT A. JAYNE

Director

U.S. DEPARTMENT OF COMMERCE

RESEARCH GROUP

IN MATHEMATICS

U.S. DEPARTMENT OF COMMERCE

RESEARCH GROUP

IN STATISTICS

U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF COMMERCE
U.S. BUREAU OF MATHEMATICS
WASHINGTON, D.C. 20540
1951

Propagation and Distribution of Fishes
from National Fish Hatcheries

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REPORT OF THE NATIONAL BUREAU OF STANDARDS

The National Bureau of Standards is a Federal agency that is responsible for the maintenance and promotion of the national system of measurement. It is the primary authority for the establishment and maintenance of the national standards of length, mass, time, and temperature. The Bureau also is responsible for the establishment and maintenance of the national standards of electrical and magnetic units, and for the establishment and maintenance of the national standards of chemical and physical constants. The Bureau also is responsible for the establishment and maintenance of the national standards of the units of the International System of Units (SI).

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U.S. FISH AND WILDLIFE SERVICE
FISHERY RESOURCES PROGRAM

Report of
Propagation and Distribution of Fishes
from the National Fish Hatchery System

INTRODUCTION

This report on fish and fish eggs distributed by National Fish Hatcheries for the period October 1, 1983, through September 30, 1984, is the 19th in a series of publications issued since 1872. Federal statutory responsibilities for stewardship of the Nation's diverse and valuable fishery resources date from 1871 when Congress established the position of Commissioner of Fish and Fisheries in response to concerns about the decline in domestic food fish supplies. The tables provide a compilation of hatcheries, species, and program distribution data that describe the Fish and Wildlife Service's activities in fulfilling Federal stewardship responsibilities for fishery resources. Currently, the Service's fish production activities are being evaluated and redirected to fully support the responsibilities and role of the Service in fishery resources.

During its early years, the National Fish Hatchery System was the principal, often the only, management tool available for addressing fishery resource problems. However, changing resource needs, evolving management philosophies, growth of the science and technology of fishery management, the development of State capabilities, and legislative direction have significantly altered the role of National Fish Hatcheries in addressing fishery resource problems. While fish culture capabilities were used in the past, mainly to enhance stocks, facilitating restoration and scientific management of self-sustaining fish populations and mitigating fish losses are now major responsibilities of the Service's Fishery Resources Program. In the 1980's, moreover, the Service has become an increasingly active partner with the States, tribes, and foreign governments in the management of interjurisdictional fishery resources.

Changing circumstances warranted reevaluation of the responsibilities and role of the Service's Fishery Resources Program with regard to State and tribal responsibilities in the management of the Nation's fishery resources. This process identified four areas that represent the responsibilities of the Service's Fishery Resources Program. It should be recognized that these responsibilities are not exclusively those of the Service. Close cooperation is mandatory with States, tribes, and other Federal agencies that are concerned with and share in the management of these resources.

Specifically, the Service's Fishery Resources Program focusses its efforts to:

- ° facilitate restoration of depleted, nationally significant fishery resources,
- ° seek and provide for mitigation of fishery resource impairment due to Federal water-related development,
- ° assist with the management of fishery resources on Federal (primarily Service) and Indian lands, and
- ° maintain a Federal leadership role in scientifically-based management of national fishery resources.

To address these responsibilities, the Fish and Wildlife Service operates 93 production and support facilities comprising the National Fish Hatchery System, (see page 65 thru 69). These facilities involve fish production, distribution, fish health, fish passage, and fish technology. Additional support is provided through the Service's fishery assistance offices, (see pages 71 thru 73), whose role is to determine fishery management needs, prepare fishery management plans, participate in and/or monitor plan implementation and evaluate the effectiveness of fish hatchery products. This technical assistance is provided to the Service's National Wildlife Refuges, military installations, Indian reservations, and other Federal agencies.

The fish production component of the National Fish Hatchery System is comprised of 77 fish production and distribution facilities and 3 fish production and technology facilities. Of the 77 production and distribution facilities, 17 are involved in the Pacific anadromous program, 5 in lake trout, 8 in Atlantic salmon, and 2 in endangered species. Twenty-seven are involved in coldwater species and 18 in warmwater species. Fish production at the 3 production and technology facilities is divided among Pacific anadromous, Atlantic salmon, lake trout, rainbow trout, and several warmwater species.

The support component of the National Fish Hatchery System is comprised of 9 fish health centers and offices, 2 fish passage facilities, and 5 fish technology centers (including the 3 production facilities). The fish health centers and offices provide the expertise required for the diagnosis and treatment of fish diseases and regular disease certification of production facilities. The fish passage facilities provide for upstream passage of adults to maintain spawning activity. The technology centers, as the name implies, provide the technological expertise necessary for direct operational support of fish production at National Fish Hatcheries. Application of research findings greatly enhance fish production at the hatcheries. In support of the Fishery Resources Program, the Service's Research and Development Program identifies and develops basic information for the enhancement of fish husbandry.

The fish and fish egg distribution presented in this booklet represents the combined efforts of the Service's production and support facilities. Some of the data presented reflects the beginning of the transition that is required for the Fishery Resources Program to meet its new responsibilities in a most effective and efficient manner.

DEPARTMENT OF THE INTERIOR
U.S. Fish and Wildlife Service

Regional Offices and States

Region 1 -- Lloyd 500 Building, Suite 1692
500 N.E. Multnomah Street
Portland, Oregon 97232

States - California, Hawaii, Idaho,
Nevada, Oregon, and Washington,
and the Pacific Trust Territories.

Region 2 -- U.S. Courthouse & Federal Building
500 Gold Street, S.W.
(P.O. Box 1306)

Albuquerque, New Mexico 87103
States - Arizona, New Mexico, Oklahoma,
and Texas.

Region 3 -- Federal Building
Fort Snelling
Twin Cities, Minnesota 55111

States - Illinois, Indiana, Iowa, Michigan,
Minnesota, Missouri, Ohio, and
Wisconsin.

Region 4 -- Richard B. Russell Federal Building
75 Spring Street, SW.
Atlanta, Georgia 30303

States - Alabama, Arkansas, Florida, Georgia,
Kentucky, Louisiana, Mississippi,
North Carolina, South Carolina, Tennessee,
Puerto Rico, and the Virgin Islands.

Region 5 -- One Gateway Center, Suite 700
Newton Corner, Massachusetts 02158

States - Connecticut, Delaware, Maine, Maryland,
Massachusetts, New Hampshire, New Jersey,
New York, Pennsylvania, Rhode Island, Vermont,
Virginia, West Virginia, and Washington, D.C.

Region 6 -- Denver Federal Center
P.O. Box 25486

Denver, Colorado 80225
States - Colorado, Kansas, Montana, Nebraska, North
Dakota, South Dakota, Utah, and Wyoming.

Region 7 -- 1011 E. Tudor Road
Anchorage, Alaska 99503
State - Alaska.

U.S. FISH AND WILDLIFE SERVICE

TABLE 1: FISH EGG DISTRIBUTION BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
=====	
REGION 1	
(13215)CARSON NFH, WA	
-SPRING CHINOOK SAL	2,190,200
TOTAL HATCHERY DISTRIBUTION	2,190,200
(14220)DWORSHAK NFH, ID	
-FALL CHINOOK SALMON	433,860
-STEELHEAD TROUT	426,906
TOTAL HATCHERY DISTRIBUTION	860,766
(13280)EAGLE CREEK NFH, OR	
-STEELHEAD TROUT	416,586
TOTAL HATCHERY DISTRIBUTION	416,586
(13225)LEAVENWORTH NFH, WA	
-SPRING CHINOOK SAL	510,000
TOTAL HATCHERY DISTRIBUTION	510,000
(13230)LT WHT SALMON/WIL,WA	
-SPRING CHINOOK SAL	2,046,355
TOTAL HATCHERY DISTRIBUTION	2,046,355
(13245)QUILCENE NFH, WA	
-CHUM SALMON	1,738,550
-COHO SALMON	80,000
TOTAL HATCHERY DISTRIBUTION	1,818,550
(13250)QUINULT NFH, WA	
-COHO SALMON	3,213,500
-STEELHEAD TROUT	797,600
TOTAL HATCHERY DISTRIBUTION	4,011,100
(13255)SPRING CREEK NFH, WA	
-FALL CHINOOK SALMON	3,768,840
TOTAL HATCHERY DISTRIBUTION	3,768,840
TOTAL REGIONAL DISTRIBUTION	15,622,397

U.S. FISH AND WILDLIFE SERVICE

TABLE 1: FISH EGG DISTRIBUTION BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
=====	
REGION 2	
(21240)TISHOMINGO NFH, OK	
-CHANNEL CATFISH	1,305,000
TOTAL HATCHERY DISTRIBUTION	1,305,000
TOTAL REGIONAL DISTRIBUTION	1,305,000
REGION 3	
(32210)GENOA NFH, WI	
-FALL CHINOOK SALMON	657,000
-NORTHERN PIKE	1,240,000
-SMALLMOUTH BASS	5,000
-WALLEYE	16,322,500
TOTAL HATCHERY DISTRIBUTION	18,224,500
(32250)IRON RIVER NFH, WI	
-LAKE TROUT	277,970
TOTAL HATCHERY DISTRIBUTION	277,970
(31220)JORDAN RIVER NFH, MI	
-LAKE TROUT	1,686,300
TOTAL HATCHERY DISTRIBUTION	1,686,300
(31240)SENECAVILLE NFH, OH	
-SAUGER	150,000
-WALLEYE	2,733,000
-WALLEYE X SAUGER	150,000
TOTAL HATCHERY DISTRIBUTION	3,033,000
TOTAL REGIONAL DISTRIBUTION	23,221,770
REGION 4	
(42225)ERWIN NFH, TN	
-RAINBOW TROUT	14,105,465
TOTAL HATCHERY DISTRIBUTION	14,105,465

U.S. FISH AND WILDLIFE SERVICE

TABLE 1: FISH EGG DISTRIBUTION BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
=====	
REGION 4 * CONT *	
(42235)FRANKFORT NFH, KY	
-CHANNEL CATFISH	6,000
TOTAL HATCHERY DISTRIBUTION	6,000
(42270)WALHALLA NFH, SC	
-BROWN TROUT	100,000
TOTAL HATCHERY DISTRIBUTION	100,000
TOTAL REGIONAL DISTRIBUTION	14,211,465
REGION 5	
(53220)BERKSHIRE NFH, MA	
-ATLANTIC SALMON	289,693
TOTAL HATCHERY DISTRIBUTION	289,693
(53230)CRAIG BROOK NFH, ME	
-ATLANTIC SALMON	15,200
TOTAL HATCHERY DISTRIBUTION	15,200
(53250)GREEN LAKE NFH, ME	
-ATLANTIC SALMON	579,500
-LANDLOCKED ATL SAL	400
TOTAL HATCHERY DISTRIBUTION	579,900
(53270)NTH ATTLEBORO NFH,MA	
-ATLANTIC SALMON	398,574
-BROOK TROUT	3,771,103
-BROWN TROUT	1,579,025
-OTHER TROUT (NONAND)	30,000
TOTAL HATCHERY DISTRIBUTION	5,778,702
(51270)WT SULPUR SPR NFH,WV	
-BROOK TROUT	136,198
-RAINBOW TROUT	11,487,270
TOTAL HATCHERY DISTRIBUTION	11,623,468

U.S. FISH AND WILDLIFE SERVICE

TABLE 1: FISH EGG DISTRIBUTION BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
=====	
REGION 5 * CONT *	
TOTAL REGIONAL DISTRIBUTION	18,286,963
REGION 6	
(64210)CRAWFORD NFH, NE	
-BROWN TROUT	607,050
TOTAL HATCHERY DISTRIBUTION	607,050
(61220)CRESTON NFH, MT	
-CUTTHROAT TROUT	515,092
-RAINBOW TROUT	5,280,658
TOTAL HATCHERY DISTRIBUTION	5,795,750
(61230)ENNIS NFH, MT	
-RAINBOW TROUT	16,598,232
TOTAL HATCHERY DISTRIBUTION	16,598,232
(62210)GARRISON DAM NFH, ND	
-FALL CHINOOK SALMON	250,000
TOTAL HATCHERY DISTRIBUTION	250,000
(64220)GAVINS POINT NFH, SD	
-NORTHERN PIKE	9,047,250
-WALLEYE	48,600,000
TOTAL HATCHERY DISTRIBUTION	57,647,250
(61240)JACKSON NFH, WY	
-CUTTHROAT TROUT	2,488,844
-LAKE TROUT	1,538,712
TOTAL HATCHERY DISTRIBUTION	4,027,556
(61260)SARATOGA NFH, WY	
-BROWN TROUT	755,752
-CUTTHROAT TROUT	17,564
-RAINBOW TROUT	65,369
TOTAL HATCHERY DISTRIBUTION	838,685
TOTAL REGIONAL DISTRIBUTION	85,764,523
=====	
TOTAL ALL FWS REGIONS	158,412,118
=====	

U.S. FISH AND WILDLIFE SERVICE

TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1								
(13210) ABERNATHY STC, WA								
-FALL CHINOOK SALMON			2,247,400	43,045			2,247,400	43,045
TOTAL HATCHERY SHIPMENTS			2,247,400	43,045			2,247,400	43,045
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			2,247,400	43,045			2,247,400	43,045
(13215) CARSON NFH, WA								
-SPRING CHINOOK SAL			3,418,635	188,103			3,418,635	188,103
TOTAL HATCHERY SHIPMENTS			3,418,635	188,103			3,418,635	188,103
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			3,418,635	188,103			3,418,635	188,103
(11240) COLEMAN NFH, CA								
-FALL CHINOOK SALMON			11,370,360	136,044			11,370,360	136,044
-STEELHEAD TROUT			1,063,570	164,427			1,063,570	164,427
TOTAL HATCHERY SHIPMENTS			12,433,930	300,471			12,433,930	300,471
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			12,433,930	300,471			12,433,930	300,471
(14220) DWORSHAK NFH, ID								
-RAINBOW TROUT					99,777	37,538	99,777	37,538
-SPRING CHINOOK SAL			1,427,456	87,093			1,427,456	87,093
(TRANSFERS)			(305,618)	(18,971)			(305,618)	(18,971)
-STEELHEAD TROUT	20,000	8	2,152,584	339,694			2,172,584	339,702
TOTAL HATCHERY SHIPMENTS	20,000	8	3,580,040	426,787	99,777	37,538	3,699,817	464,333
TOTAL TRANSFERS			(305,618)	(18,971)			(305,618)	(18,971)
HATCHERY DISTRIBUTION	20,000	8	3,274,422	407,816	99,777	37,538	3,394,199	445,362

U.S. FISH AND WILDLIFE SERVICE

TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
REGION 1 * CONT *								
(13280) EAGLE CREEK NFH, OR								
-OFO SALMON			994,898	73,836			994,898	73,836
-SPRING CHINOOK SAL	54,174	411	815,350	99,586			869,524	99,997
-STEELHEAD TROUT	50,400	180	100,808	12,585			151,208	12,765
TOTAL HATCHERY SHIPMENTS	104,574	591	1,911,056	186,007			2,015,630	186,598
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	104,574	591	1,911,056	186,007			2,015,630	186,598
(13220) ENTIAH NFH, WA								
-SPRING CHINOOK SAL			838,010	37,551			838,010	37,551
TOTAL HATCHERY SHIPMENTS			838,010	37,551			838,010	37,551
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			838,010	37,551			838,010	37,551
(14230) HAGERMAN NFH, ID								
-OUTTHROAT TROUT	72,045	764	427,191	5,650			72,045	764
-FALL CHINOOK SALMON			15,594	202			427,191	5,650
-RAINBOW TROUT			419,747	14,357			15,594	202
-SPRING CHINOOK SAL			1,117,794	345,643			419,747	14,357
-STEELHEAD TROUT							1,117,794	345,643
TOTAL HATCHERY SHIPMENTS	72,045	764	1,980,326	365,852			2,052,371	366,616
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	72,045	764	1,980,326	365,852			2,052,371	366,616
(14235) KOOSKIA NFH, ID								
-SPRING CHINOOK SAL			801,278	67,435			801,278	67,435
(TRANSFERS)			(296,161)	(28,331)			(296,161)	(28,331)
-STEELHEAD TROUT	30,000	20	2,179,389	8,926			2,209,389	8,946
(TRANSFERS)	(30,000)	(20)	(2,179,389)	(8,926)			(2,209,389)	(8,946)
TOTAL HATCHERY SHIPMENTS	30,000	20	2,980,667	76,361			3,010,667	76,381
TOTAL TRANSFERS	(30,000)	(20)	(2,475,550)	(37,257)			(2,505,550)	(37,277)
HATCHERY DISTRIBUTION			505,117	39,104			505,117	39,104

U.S. FISH AND WILDLIFE SERVICE
TABLE 2. FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1 * CONT *								
(14240) LAKEONTAN NEH, NV -CUTTHROAT TROUT			788,722	12,245	617,772	89,728	1,406,494	101,973
TOTAL HATCHERY SHIPMENTS			788,722	12,245	617,772	89,728	1,406,494	101,973
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			788,722	12,245	617,772	89,728	1,406,494	101,973
(13225) LEAVENWORTH NEH, WA -SPRING CHINOOK SAL	1,395,600	2,598	2,522,150	157,669			3,917,750	160,267
TOTAL HATCHERY SHIPMENTS	1,395,600	2,598	2,522,150	157,669			3,917,750	160,267
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	1,395,600	2,598	2,522,150	157,669			3,917,750	160,267
(13230) LT WHT SALMON/WIL,WA -COHO SALMON -FALL CHINOOK SALMON -SPRING CHINOOK SAL (TRANSFERS)			2,566,594 7,778,794 95,749 788,345	157,655 95,749 28,234 28,234			2,566,594 7,778,794 95,749 (413,765)	157,655 28,479 28,479 (245)
TOTAL HATCHERY SHIPMENTS	413,765 (413,765)	245 (245)	11,133,733	281,638			11,547,498	281,883
TOTAL TRANSFERS							(413,765)	(245)
HATCHERY DISTRIBUTION	(413,765)	(245)	11,133,733	281,638			11,133,733	281,638
(13240) MAKAH NEH, WA -CHUM SALMON -COHO SALMON -FALL CHINOOK SALMON -STEELHEAD TROUT			903,158 496,700 114,029 71,827	1,897 19,162 831 10,883			903,158 496,700 114,029 71,827	1,897 19,162 831 10,883
TOTAL HATCHERY SHIPMENTS			1,585,714	32,773			1,585,714	32,773
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			1,585,714	32,773			1,585,714	32,773

U.S. FISH AND WILDLIFE SERVICE

TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1 * CONT *								
(13245) OULCENE NFH, WA								
-CHUM SALMON			2,534,046	4,080			2,534,046	4,080
-COHO SALMON	194,595	140	421,120	20,297			615,715	20,437
-SPRING CHINOOK SAL			529,549	31,890			529,549	31,890
TOTAL HATCHERY SHIPMENTS	194,595	140	3,484,715	56,267			3,679,310	56,407
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	194,595	140	3,484,715	56,267			3,679,310	56,407
(13250) OUNNAULT NFH, WA								
-CHUM SALMON	2,309,392	5,878					2,309,392	5,878
-COHO SALMON	593,082	2,737					1,829,233	95,195
(TRANSFERS)	(55,389)	(14)	1,236,151	92,458			(55,389)	(14)
-FALL CHINOOK SALMON			181,843	6,061			181,843	6,061
-STEELHEAD TROUT	1,177,767	1,659	196,437	29,185			1,376,204	30,844
TOTAL HATCHERY SHIPMENTS	4,080,241	10,274	1,616,431	127,704			5,696,672	137,978
TOTAL TRANSFERS	(55,389)	(14)					(55,389)	(14)
HATCHERY DISTRIBUTION	4,024,852	10,260	1,616,431	127,704			5,641,283	137,964
(13255) SPRING CREEK NFH, WA								
-FALL CHINOOK SALMON			18,147,344	221,264			18,147,344	221,264
(TRANSFERS)			(1,843,468)	(9,956)			(1,843,468)	(9,956)
TOTAL HATCHERY SHIPMENTS			18,147,344	221,264			18,147,344	221,264
TOTAL TRANSFERS			(1,843,468)	(9,956)			(1,843,468)	(9,956)
HATCHERY DISTRIBUTION			16,303,876	211,308			16,303,876	211,308
(11250) TEHAWA COLUSA FF, CA								
-FALL CHINOOK SALMON	348,498	232					348,498	232
TOTAL HATCHERY SHIPMENTS	348,498	232					348,498	232
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	348,498	232					348,498	232

U.S. FISH AND WILDLIFE SERVICE
TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
REGION 1 * CONT *								
(13290) WARM SPRINGS NFH, OR								
-BROOK TROUT			56,064	924			56,064	924
-RAINBOW TROUT			687,859	40,672	16,281	8,537	16,281	8,537
-SPRING CHINOOK SAL			80,481	116			687,859	40,672
-STEELHEAD TROUT							80,481	116
TOTAL HATCHERY SHIPMENTS			824,404	41,712	16,281	8,537	840,685	50,249
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			824,404	41,712	16,281	8,537	840,685	50,249
(13265) WINTHROP NFH, WA								
-BROOK TROUT			464,898	10,783			464,898	10,783
-CUTTHROAT TROUT			32,000	540			32,000	540
-RAINBOW TROUT			388,698	10,257	50,070	15,713	438,768	25,970
-SPRING CHINOOK SAL			1,266,381	59,620			1,266,381	59,620
TOTAL HATCHERY SHIPMENTS			2,151,977	81,200	50,070	15,713	2,202,047	96,913
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			2,151,977	81,200	50,070	15,713	2,202,047	96,913
REGIONAL SHIPMENTS	6,659,318	14,872	71,645,254	2,636,649	783,900	151,516	79,088,472	2,803,037
REGIONAL TRANSFERS	(499,154)	(279)	(4,624,636)	(66,184)			(5,123,790)	(66,463)
REGIONAL DISTRIBUTION	6,160,164	14,593	67,020,618	2,570,465	783,900	151,516	73,964,682	2,736,574
REGION 2								
(22210) ALCHESAY/WMS CRK, AZ								
-BROOK TROUT			31,000	384			31,000	384

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
(22210) ALCHESAV/WKS CRK, AZ * CONT *								
-BROWN TROUT			22,584	2,298			22,584	2,298
-CUTTHROAT TROUT			87,439	6,962	9,846	1,993	97,285	8,955
-RAINEOW TROUT (TRANSFERS)			303,391	24,301	458,579	95,238	761,970	119,539
					(9,000)	(2,650)	(9,000)	(2,650)
TOTAL HATCHERY SHIPMENTS			444,414	33,945	468,425	97,231	912,839	131,176
TOTAL TRANSFERS					(9,000)	(2,650)	(9,000)	(2,650)
HATCHERY DISTRIBUTION			444,414	33,945	459,425	94,581	903,839	128,526
(22220) DEXTER NFH, NM								
-BEAUTIFUL SHINER			12	1			12	1
-BONETAIL CHUB	68,311	1					68,311	1
-CHIHUAHUA CHUB			25	2	11	1	36	3
-COLORADO SQUAMFISH	10,206	1					10,206	1
-DESERT FUPFISH			200	1			200	1
-RAZORBACK SUCKER	3,120,338	34	112,622	1,914			3,232,960	1,948
TOTAL HATCHERY SHIPMENTS	3,198,855	36	112,859	1,918	11	1	3,311,725	1,955
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	3,198,855	36	112,859	1,918	11	1	3,311,725	1,955
(21220) INKS DAM NFH, TX								
-CHANNEL CATFISH			55,000	2,750	99,286	34,249	154,286	36,999
-LARGemouth BASS			457,413	696	6,916	2,410	457,413	696
-RAINEOW TROUT							6,916	2,410
TOTAL HATCHERY SHIPMENTS			512,413	3,446	106,202	36,659	618,615	40,105
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			512,413	3,446	106,202	36,659	618,615	40,105
(22230) MESCALERO NFH, NM								
-CUTTHROAT TROUT			108,200	13,153			108,200	13,153

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL	
							NUMBER	POUNDS
(22230) MESQUERO NFH, NM								
-RAINBOW TROUT			55,000	3,680	260,250	68,193	315,250	71,873
TOTAL HATCHERY SHIPMENTS			163,200	16,833	260,250	68,193	423,450	85,026
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			163,200	16,833	260,250	68,193	423,450	85,026
(21231) SAN MARCOS FIC, TX								
-GOLDFISH			23,000	460			23,000	460
-LARGEMOUTH BASS			104,519	1,348	17,419	3,165	121,938	4,513
TOTAL HATCHERY SHIPMENTS			127,519	1,808	17,419	3,165	144,938	4,973
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			127,519	1,808	17,419	3,165	144,938	4,973
(21240) TISHOMINGO NFH, OK								
-CHANNEL CATFISH					4,560	7,816	1,692,143	26,042
(TRANSFERS)	(526,398)	(66)	(1,161,185)	(18,160)			(605,258)	(3,326)
-GOLDFISH			200	8	16,450	1,645	16,450	1,645
-LARGEMOUTH BASS					8,881	2,495	200	8
-RAINBOW TROUT			153,380	346	22	44	153,402	2,495
-SMALLMOUTH BASS			217,426	527			217,426	527
-WHITE X STRIPED BASS								
TOTAL HATCHERY SHIPMENTS	526,398	(66)	1,532,191	19,041	29,913	12,000	2,088,502	31,107
TOTAL TRANSFERS	(526,398)	(66)	(78,860)	(3,260)			(605,258)	(3,326)
HATCHERY DISTRIBUTION			1,453,331	15,781	29,913	12,000	1,483,244	27,781
(21260) DWLADE NFH, TX								
-CHANNEL CATFISH			723,780	6,174	179,878	43,150	903,658	49,324
-GOLDFISH			75,000	750			75,000	750
(TRANSFERS)	(75,000)	(750)	(75,000)	(750)			(75,000)	(750)
-LARGEMOUTH BASS			921,623	1,984			921,623	1,984
(TRANSFERS)	(100,000)	(400)	(100,000)	(400)			(100,000)	(400)
TOTAL HATCHERY SHIPMENTS			1,720,403	8,908	179,878	43,150	1,900,281	52,058
TOTAL TRANSFERS			(175,000)	(1,150)			(175,000)	(1,150)
HATCHERY DISTRIBUTION			1,545,403	7,758	179,878	43,150	1,725,281	50,908

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 2 * CONT *								
(22240) WILLOW BEACH NFH, AZ								
-RAINBOW TROUT			874,965	19,460	445,605	85,000	1,320,570	103,460
TOTAL HATCHERY SHIPMENTS			874,965	19,460	445,605	85,000	1,320,570	103,460
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			874,965	19,460	445,605	85,000	1,320,570	103,460
REGIONAL SHIPMENTS								
	3,725,253	102	5,487,964	104,359	1,507,703	345,399	10,720,920	449,860
REGIONAL TRANSFERS								
	(526,398)	(66)	(253,860)	(4,410)	(9,000)	(2,650)	(789,258)	(7,126)
REGIONAL DISTRIBUTION								
	3,198,855	36	5,234,104	99,949	1,498,703	342,749	9,931,662	442,734
REGION 3								
(32210) GENOA NFH, WI								
-BLACK BULLHEAD			25,000	50	50	25	25,050	75
-BLUEGILL			300,600	48	500	100	301,100	148
-BOWFIN					100	500	100	500
-BROOK TROUT			9,800	447	735	1,530	10,535	447
-CARP			850	8	40	80	890	80
-CATS					350	2,100	2,150	2,103
-LAKE TROUT			1,800	3	(350)	(2,100)	(2,150)	(2,103)
(TRANSFERS)			(1,800)	(3)				
-LARGemouth BASS			569,237	2,162	133	128	569,370	2,290
-NORTHERN PIKE			333	11	225	135	3,594,558	218
-OTHER SUCKERS					130	130	130	130
-OTHER WARM WATER					10,000	100	10,000	100
-RAINBOW TROUT			23,500	681	28,636	5,594	52,136	6,275
-SMALLMOUTH BASS			139,000	236			139,000	236
-WALLEYE			35,200	35	20	40	2,889,220	100
-YELLOW PERCH			6,000	3	300	225	6,300	228
TOTAL HATCHERY SHIPMENTS			1,111,320	3,684	41,219	10,687	7,600,539	14,468
TOTAL TRANSFERS								
			(1,800)	(3)	(350)	(2,100)	(2,150)	(2,103)
HATCHERY DISTRIBUTION								
	6,448,000	97	1,109,520	3,681	40,869	8,587	7,598,389	12,365

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REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	TOTAL POUNDS
REGION 3 * CONT *								
(31231) HILANATHA FST NPH, MI -LAKE TROUT			152,200	7,231			152,200	7,231
TOTAL HATCHERY SHIPMENTS			152,200	7,231			152,200	7,231
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			152,200	7,231			152,200	7,231
(32250) IRON RIVER NPH, MI -LAKE TROUT (TRANSFERS)			(1,213,928 (24,308) (929)	11,546 (929)	742	4,128	(1,214,670 (24,308) (929)	15,674 (929)
TOTAL HATCHERY SHIPMENTS			1,213,928	11,546	742	4,128	1,214,670	15,674
TOTAL TRANSFERS			(24,308) (929)	(929)			(24,308) (929)	(929)
HATCHERY DISTRIBUTION			1,189,620	10,617	742	4,128	1,190,362	14,745
(31220) JORDAN RIVER NPH, MI -LAKE TROUT (TRANSFERS)			(2,153,040 (209,300) (2,381)	79,634 (2,381)	4,475	8,497	(2,157,515 (209,300) (2,381)	88,131 (2,381)
TOTAL HATCHERY SHIPMENTS			2,153,040	79,634	4,475	8,497	2,157,515	88,131
TOTAL TRANSFERS			(209,300) (2,381)	(2,381)			(209,300) (2,381)	(2,381)
HATCHERY DISTRIBUTION			1,943,740	77,253	4,475	8,497	1,948,215	85,750
(33240) NEEDSHO NPH, MO -RAINBOW TROUT (TRANSFERS) -SMALLMOUTH BASS			40,000	91	(312,070 (14,000) (916)	52,155 (916)	(312,070 (14,000) (916)	52,155 (916)
TOTAL HATCHERY SHIPMENTS			40,000	91	312,070	52,155	352,070	52,246
TOTAL TRANSFERS					(14,000) (916)		(14,000) (916)	(916)
HATCHERY DISTRIBUTION			40,000	91	298,070	51,239	338,070	51,330

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 3 * CONT *								
(31230) PENDILLS CRK NPH, MI -LAKE TROUT			394,386	17,620			394,386	17,620
TOTAL HATCHERY SHIPMENTS			394,386	17,620			394,386	17,620
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			394,386	17,620			394,386	17,620
(31240) SENECAVILLE NPH, OH								
-CHANNEL CATFISH	4,000	1	929,795	9,124	33,705	2,751	967,500	11,876
-SHALIMOUTH BASS	104,400	4	52,400	117	67	100	156,867	221
(TRANSFERS)	(104,400)	(4)					(104,400)	(4)
-WALLEYE	6,500,000	33	1,462,800	1,431			7,962,800	1,464
(TRANSFERS)	(500,000)	(3)					(500,000)	(3)
-WALLEYE X SAUGER			223,640	309			223,640	309
-WHITE X STRIPED BASS			121,400	77			121,400	77
TOTAL HATCHERY SHIPMENTS	6,608,400	38	2,790,035	11,058	33,772	2,851	9,432,207	13,947
TOTAL TRANSFERS	(604,400)	(7)					(604,400)	(7)
HATCHERY DISTRIBUTION	6,004,000	31	2,790,035	11,058	33,772	2,851	8,827,807	13,940
REGIONAL SHIPMENTS	13,056,400	135	7,854,909	130,864	392,278	78,318	21,303,587	209,317
REGIONAL TRANSFERS	(604,400)	(7)	(235,408)	(3,313)	(14,350)	(3,016)	(854,158)	(6,336)
REGIONAL DISTRIBUTION	12,452,000	128	7,619,501	127,551	377,928	75,302	20,449,429	202,981
REGION 4								
(43215) CARBON HILL NPH, AL			854,410	988			854,410	988
-BLUEGILL			(720,000)	(720)			(720,000)	(720)
(TRANSFERS)								

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
(43215) CARBON HILL NEH, AL	* CONT *							
-CHANNEL CATFISH								
(TRANSFERS)			59,841	1,522			59,841	1,522
-LARGemouth BASS			(30,000)	(375)			(30,000)	(375)
-REAR SUNFISH			17,139	27			17,139	27
(TRANSFERS)			437,605	495			437,605	495
-STRIPED BASS (ANAD)			(380,000)	(380)			(380,000)	(380)
-STRIPED BASS (INLAND)			492,860	300			492,860	300
-WALLEYE			30,000	46			30,000	46
			20,240	46			20,240	46
TOTAL HATCHERY SHIPMENTS			1,912,095	3,424			1,912,095	3,424
TOTAL TRANSFERS			(1,130,000)	(1,475)			(1,130,000)	(1,475)
HATCHERY DISTRIBUTION			782,095	1,949			782,095	1,949
(41210) CHATTAHOOCHEE EST, GA								
-RAINEBOW TROUT			432,837	10,464	484,406	158,127	917,243	168,591
TOTAL HATCHERY SHIPMENTS			432,837	10,464	484,406	158,127	917,243	168,591
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			432,837	10,464	484,406	158,127	917,243	168,591
(42215) DALE HOLLOW NEH, TN								
-RAINEBOW TROUT			997,488	8,566	679,432	198,221	1,676,920	206,787
(TRANSFERS)			(825,253)	(1,994)			(825,253)	(1,994)
TOTAL HATCHERY SHIPMENTS			997,488	8,566	679,432	198,221	1,676,920	206,787
TOTAL TRANSFERS			(825,253)	(1,994)			(825,253)	(1,994)
HATCHERY DISTRIBUTION			172,235	6,572	679,432	198,221	851,667	204,793
(42220) EDENTON NEH, NC								
-BLUEGILL			186,944	125			186,944	125
-CHANNEL CATFISH			23,349	259			23,349	259
-LARGemouth BASS			22,086	205			22,086	205

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
* CONT *								
(42220) EDENTON NFH, NC								
-REDEAR SUNFISH			76,021	51			76,021	51
-STRIPED BASS (ANAD)			435,909	8,058	112	169	436,021	8,227
-STRIPED BASS (INLAND)			333,900	225			333,900	225
TOTAL HATCHERY SHIPMENTS			1,078,209	8,923	112	169	1,078,321	9,092
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			1,078,209	8,923	112	169	1,078,321	9,092
(42225) ERWIN NFH, TN								
-RAINBOW TROUT			102,172	4,278	31,249	53,660	133,421	57,938
TOTAL HATCHERY SHIPMENTS			102,172	4,278	31,249	53,660	133,421	57,938
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			102,172	4,278	31,249	53,660	133,421	57,938
(42235) FRANKFORT NFH, KY								
-BLUEGILL			1,006,131	1,562	520	134	1,006,651	1,696
-CHANNEL CATFISH	1	13,500	127,375	1,279	68,714	9,582	209,589	10,862
-GOLDFISH			34,176	1,206	14,504	1,902	48,680	3,108
-LARGemouth BASS			136,614	248	123	166	136,737	414
-REDEAR SUNFISH			108,505	192			108,505	192
-STRIPED BASS (INLAND)			77,000	98			77,000	98
-WALLEYE			100,672	111			100,672	111
-WHITE X STRIPED BASS			181,200	225			181,200	225
TOTAL HATCHERY SHIPMENTS		13,500	1,771,673	4,921	83,861	11,784	1,869,034	16,706
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION		13,500	1,771,673	4,921	83,861	11,784	1,869,034	16,706
(42235) GREYS FERRY NFH, AR								
-RAINBOW TROUT			314,594	1,064	461,028	150,269	775,622	151,333
(TRANSFERS)			(314,594)	(1,064)			(314,594)	(1,064)
TOTAL HATCHERY SHIPMENTS			314,594	1,064	461,028	150,269	775,622	151,333
TOTAL TRANSFERS			(314,594)	(1,064)			(314,594)	(1,064)
HATCHERY DISTRIBUTION					461,028	150,269	461,028	150,269

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 4 * CONT *								
(43255) NAWMOUTH SEPS NEH, AR								
-BLUEGILL			152,110	218			152,110	218
-CHANNEL CATFISH			53,045	798	3,000	120	56,045	918
-LARGemouth BASS			74,348	2,349	2,800	275	77,148	2,624
-REDear SUNFISH			65,190	94			65,190	94
-SMALLmouth BASS	530,000	56	160,040	209	10,000	476	700,040	741
-STRIPed BASS (INLAND)			14,260	713			14,260	713
TOTAL HATCHERY SHIPMENTS	530,000	56	518,993	4,381	15,800	871	1,064,793	5,308
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	530,000	56	518,993	4,381	15,800	871	1,064,793	5,308
(42230) MCKINNEY LAKE NEH, NC								
-BLUEGILL			727,365	597			727,365	597
(TRANSFERS)	(		211,400	(			211,400	(
-CHANNEL CATFISH			207,415	130			207,415	130
(TRANSFERS)	(		26,400	(			26,400	(
-LARGemouth BASS			249,590	294			249,590	294
(TRANSFERS)	(		30,000	(			30,000	(
-REDear SUNFISH			310,815	24			310,815	24
(TRANSFERS)	(		92,000	(			92,000	(
-STRIPed BASS (AND)			41,600	364			41,600	364
-STRIPed BASS (INLAND)			614,000	90			614,000	90
TOTAL HATCHERY SHIPMENTS			2,150,785	543			2,150,785	543
TOTAL TRANSFERS	(		359,400	(			359,400	(
HATCHERY DISTRIBUTION			1,791,385	7,663			1,791,385	7,663
(43265) MERIDIAN NEH, MS								
-BLUEGILL			2,048,397	3,214			2,048,397	3,214
(TRANSFERS)	(		188,400	(			188,400	(
-CHANNEL CATFISH			490,286	521			490,286	521
-DARTERS			50	1	5,000	1,410	495,286	3,648
-GREEN SUNFISH			21,260	69			21,260	69

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
(43265) MERIDIAN NFH, NS	* CONT *							
-LARGemouth BASS			156,813	195			156,813	195
-OTHER MINNOWS			500	10			500	10
-OTHER WARM WATER			50	40			50	40
-REDEAR SUNFISH			857,733	2,337			857,733	2,337
-STRIPED BASS (ANAD)			208,600	129			208,600	129
TOTAL HATCHERY SHIPMENTS			3,783,689	8,233	5,000	1,410	3,788,689	9,643
TOTAL TRANSFERS			(188,400)	(521)			(188,400)	(521)
HATCHERY DISTRIBUTION			3,595,289	7,712	5,000	1,410	3,600,289	9,122
(41230) MILLEN NFH, GA								
-BLUEGILL			580,335	855			580,335	855
-CHANNEL CATFISH			185,840	4,162			770,840	4,205
(TRANSFERS)	585,000	43	(78,040)	(1,296)			(663,040)	(1,339)
-LARGemouth BASS			100,915	90			100,915	90
-REDEAR SUNFISH			247,590	365			247,590	365
-STRIPED BASS (ANAD)			43,450	22			43,450	22
-STRIPED BASS (INLAND)			244,400	206			244,400	206
TOTAL HATCHERY SHIPMENTS	585,000	43	1,402,530	5,700			1,987,530	5,743
TOTAL TRANSFERS	(585,000)	(43)	(78,040)	(1,296)			(663,040)	(1,339)
HATCHERY DISTRIBUTION			1,324,490	4,404			1,324,490	4,404
(43270) NATCHITOCHES NFH, LA								
-BLUE CATFISH			116,656	3,507			116,656	3,507
-BLUEGILL			3,637,075	5,443			3,637,075	5,443
-CHANNEL CATFISH			18,555	575			18,555	575
-FLATHEAD CATFISH			2,940	42			2,940	42
-LARGemouth BASS			970,916	543			970,916	543
-OTHER WARM WATER			2,000	33			2,000	33
-REDEAR SUNFISH			452,199	836			452,199	836
-STRIPED BASS (INLAND)			854,802	613			854,802	613
-WHITE X STRIPED BASS			737,600	744			737,600	744
TOTAL HATCHERY SHIPMENTS			6,792,743	12,336			6,792,743	12,336
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			6,792,743	12,336			6,792,743	12,336

U.S. FISH AND WILDLIFE SERVICE
TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
REGION 4 * CONT *								
(43280) NORFOLK NFH, AR					264	312	264	312
-BROWN TROUT							51,679	2,765
-CUTTHROAT TROUT			12,173	154	1,682,428	504,923	1,694,601	505,077
-RAINBOW TROUT (TRANSFERS)					(16,950)	(5,000)	(16,950)	(5,000)
TOTAL HATCHERY SHIPMENTS			63,852	2,919	1,682,692	505,235	1,746,544	508,154
TOTAL TRANSFERS					(16,950)	(5,000)	(16,950)	(5,000)
HATCHERY DISTRIBUTION			63,852	2,919	1,665,742	500,235	1,729,594	503,154
(42240) ORANGEBURG NFH, SC								
-BLUE CATFISH	80,000	8	156,394	1,003	52	608	236,446	1,619
-BLUEGILL			50,300	73			50,300	73
-CHANNEL CATFISH	240,000	24			62	148	240,062	172
-LARGemouth BASS			11,665	15			11,665	15
-OTHER SUNFISH			110,000	110			110,000	110
-REARER SUNFISH			21,300	18			21,300	18
-STRIPED BASS (ANAD)	15,795,000	238	131,779	1,435			15,926,779	1,673
(TRANSFERS)	(13,300,000)	(133)					(13,300,000)	(133)
-STRIPED BASS (INLAND)	9,000,000	90	382,050	372			9,382,050	462
-STURGEON	1,100	2					1,100	2
-WHITE X STRIPED BASS	2,850,000	29					2,850,000	29
(TRANSFERS)	(2,100,000)	(21)					(2,100,000)	(21)
TOTAL HATCHERY SHIPMENTS	27,966,100	391	863,488	3,026	114	756	28,829,702	4,173
TOTAL TRANSFERS	(15,400,000)	(154)					(15,400,000)	(154)
HATCHERY DISTRIBUTION	12,566,100	237	863,488	3,026	114	756	13,429,702	4,019
(43290) ETL JOHN ALLEN NFH, MS								
-BLUE CATFISH	950,000	95					950,000	95
(TRANSFERS)	(450,000)	(45)					(450,000)	(45)
-BLUEGILL			592,939	593			592,939	593
-CHANNEL CATFISH	656,001		5,862		38,540	3,730	694,541	9,592
(TRANSFERS)			(378,815)	(3,058)			(378,815)	(3,058)

TABLE 2. FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
(41290) PT. JOHN ALLEN NEH, MS	* CONT *							
-LARGemouth BASS	26,000	10	183,708	509			209,708	519
(TRANSFERS)	(26,000)	(10)	(183,708)	(509)			(209,708)	(519)
-REAR SUNFISH								
-WHITE X STRIPED BASS	161,000	221	1,177,986	308			1,177,986	308
TOTAL HATCHERY SHIPMENTS	1,137,000	326	1,744,584	7,272	38,540	3,730	2,920,124	11,328
TOTAL TRANSFERS	(476,000)	(55)	(478,815)	(3,322)			(478,815)	(3,322)
HATCHERY DISTRIBUTION	661,000	271	1,265,769	3,950	38,540	3,730	1,965,309	7,951
(42270) WALHALLA NEH, SC								
-BROOK TROUT					12,186	5,430	12,186	5,430
-BROWN TROUT			356,740	5,056	206,627	48,271	563,367	53,327
-RAINBOW TROUT			443,042	6,378	151,213	51,064	594,255	57,442
(TRANSFERS)			(72,500)	(227)			(72,500)	(227)
TOTAL HATCHERY SHIPMENTS			799,782	11,434	370,026	104,765	1,169,808	116,199
TOTAL TRANSFERS			(72,500)	(227)			(72,500)	(227)
HATCHERY DISTRIBUTION			727,282	11,207	370,026	104,765	1,097,308	115,972
(41240) WARM SPRINGS NEH, GA								
-BLUEGILL			237,985	269			237,985	269
-CHANNEL CATFISH			72,933	1,193			72,933	1,193
-LARGemouth BASS			26,272	48	125	221	26,397	269
-REAR SUNFISH			58,235	66			58,235	66
-STRIPED BASS (ANAD)			291,852	2,909			291,852	2,909
(TRANSFERS)			(13,401)	(2,467)			(13,401)	(2,467)
TOTAL HATCHERY SHIPMENTS			687,277	4,485	125	221	687,402	4,706
TOTAL TRANSFERS			(13,401)	(2,467)			(13,401)	(2,467)
HATCHERY DISTRIBUTION			673,876	2,018	125	221	674,001	2,239
(41250) MELANA NEH, FL								
-BLUEGILL			1,637,629	2,218			1,637,629	2,218

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	Fry		Fingerling		Adult		Total	
	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
(41250) BELAKA NFH, FL	* CONT *							
-CHANNEL CATFISH			591,266	3,930	100	200	581,366	4,130
(TRANSFERS)					(100)	(100)	(100)	(100)
-LARGemouth BASS			1,014,770	897	342	521	1,015,112	1,418
(TRANSFERS)			(312,300)	(247)	(202)	(101)	(312,502)	(348)
-REDear SUNFISH			704,951	947			704,951	947
(TRANSFERS)			736,048	964			801,048	966
-STRIPed BASS (AND)	65,000	2	(46,063)	(132)			(46,063)	(132)
(TRANSFERS)			620,604	799			620,604	799
-STRIPed BASS(INLAND)			828,623	731			828,623	731
-WHITE X STRIPed BASS								
TOTAL HATCHERY SHIPMENTS	65,000	2	6,124,091	10,486	442	721	6,189,533	11,209
TOTAL TRANSFERS			(358,363)	(439)	(302)	(301)	(358,665)	(740)
HATCHERY DISTRIBUTION	65,000	2	5,765,728	10,047	140	420	5,830,868	10,469
(42280) WOLF CREEK NFH, KY								
-RAINBOW TROUT			461,667	18,229	550,224	171,906	1,011,891	190,135
(TRANSFERS)			(187,600)	(555)			(187,600)	(555)
TOTAL HATCHERY SHIPMENTS			461,667	18,229	550,224	171,906	1,011,891	190,135
TOTAL TRANSFERS			(187,600)	(555)			(187,600)	(555)
HATCHERY DISTRIBUTION			274,067	17,674	550,224	171,906	824,291	189,580
REGIONAL SHIPMENTS	30,296,600	819	32,002,549	138,342	4,403,051	1,361,845	66,702,200	1,501,006
REGIONAL TRANSFERS	(16,461,000)	(252)	(4,006,366)	(13,898)	(17,252)	(5,301)	(20,484,618)	(19,451)
REGIONAL DISTRIBUTION	13,835,600	567	27,996,183	124,444	4,385,799	1,356,544	46,217,582	1,481,555

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 5								
(52210) ALLEGHENY NFH, PA								
-BROWN TROUT			4,185	465	23,390	9,901	27,475	10,366
-LAKE TROUT			1,261,025	89,803	2,000	3,280	1,263,025	93,083
-RAINBOW TROUT			5,100	255	43,100	19,555	48,200	19,790
TOTAL HATCHERY SHIPMENTS			1,270,310	90,523	68,390	32,716	1,338,700	123,239
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			1,270,310	90,523	68,390	32,716	1,338,700	123,239
(51240) BOWDEN NFH, WV								
-BROOK TROUT			299,752	1,695	72,103	28,084	371,855	29,779
(TRANSFERS)		(	115,884)	(1,039)			(115,884)	(1,039)
-BROWN TROUT			181,863	4,037	36,197	10,953	36,197	10,953
-RAINBOW TROUT			82,696)	(707)	260,263	104,443	442,126	108,480
(TRANSFERS)		(					( 82,696)	(707)
TOTAL HATCHERY SHIPMENTS			481,615	5,732	368,563	143,480	850,178	149,212
TOTAL TRANSFERS			(198,580)	(1,746)			(198,580)	(1,746)
HATCHERY DISTRIBUTION			283,035	3,986	368,563	143,480	651,598	147,466
(53230) CRAIG BROOK NFH, ME								
-ATLANTIC SALMON	136,668	99	182,004	34,206			318,672	34,305
-LANDLOCKED ATL SAL			105	23			105	23
TOTAL HATCHERY SHIPMENTS	136,668	99	182,109	34,229			318,777	34,328
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	136,668	99	182,109	34,229			318,777	34,328
(53250) GREEN LAKE NFH, ME								
-ATLANTIC SALMON	7,000	356	637,567	87,615			644,567	87,971
(TRANSFERS)		(2,124)	(234)			(2,124)	(234)

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
(53250) GREEN LAKE NFH, ME	* CONT *							
-BROOK TROUT					1,500	598	1,500	598
-LANDLOCKED ATL SAL					2,077	369	2,077	369
(TRANSFERS)					(60)	(10)	(60)	(10)
TOTAL HATCHERY SHIPMENTS	7,000	356	637,567	87,615	3,577	967	648,144	88,938
TOTAL TRANSFERS		(	2,124)	(234)	(60)	(10)	(2,184)	(244)
HATCHERY DISTRIBUTION	7,000	356	635,443	87,381	3,517	957	645,960	88,694
(51210) HARRISON LAKE NFH, VA								
-BLACK CRAPPIE			56	20			56	20
-BLUE CATFISH			24,640	938			24,640	938
-BLUEGILL			297,400	362			297,400	362
-CHANNEL CATFISH	233,800	29	290,425	5,281	46	575	524,271	5,885
(TRANSFERS)					(46)	(575)	(46)	(575)
-COLDTISH					12	12	12	12
-LARGemouth BASS	90,000	9	42,200	718	133	155	132,333	882
(TRANSFERS)		(	2,500)	(7)	(133)	(155)	(2,633)	(162)
-PELEAR SUNFISH					778	73	778	73
(TRANSFERS)					(778)	(73)	(778)	(73)
-STRIPED BASS (ANAD)			272,680	275			272,680	275
-STRIPED BASS (INLAND)			2,720	26			2,720	26
-WHITE X STRIPED BASS			29,390	1,631			29,390	1,631
TOTAL HATCHERY SHIPMENTS	323,800	38	959,511	9,251	969	815	1,284,280	10,104
TOTAL TRANSFERS		(	2,500)	(7)	(957)	(803)	(3,457)	(810)
HATCHERY DISTRIBUTION	323,800	38	957,011	9,244	12	12	1,280,823	9,294
(52231) LAMAR NFH, PA								
-BROOK TROUT			5,000	446	106,010	29,030	111,010	29,476
-BROWN TROUT					18,059	5,235	18,059	5,235
-RAINBOW TROUT			4,000	664	67,710	24,799	71,710	25,463
TOTAL HATCHERY SHIPMENTS			9,000	1,110	191,779	59,064	200,779	60,174
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			9,000	1,110	191,779	59,064	200,779	60,174

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING		ADULT		TOTAL	
			NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 5 * CONT *								
(51260) NASHUA RIV, NH -ATLANTIC SALMON	16,000	12	43,418	15,742			59,418	15,754
TOTAL HATCHERY SHIPMENTS	16,000	12	43,418	15,742			59,418	15,754
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	16,000	12	43,418	15,742			59,418	15,754
(51270) NTH ATTLEBORO RIV, MA -ATLANTIC SALMON	434,939	201	23,201	518			458,140	719
-BROOK TROUT			39,711	3,631	7,990	7,581	47,701	11,212
-BROWN TROUT			30,976	3,598	6,674	8,859	37,650	12,457
-RAINBOW TROUT			45,924	3,310	775	287	46,699	3,597
(TRANSFERS)					(775)	(287)	(775)	(287)
-STRIPED BASS (ANAD)			2,306	133			2,306	133
TOTAL HATCHERY SHIPMENTS	434,939	201	142,118	11,190	15,439	16,727	592,496	28,118
TOTAL TRANSFERS					(775)	(287)	(775)	(287)
HATCHERY DISTRIBUTION	434,939	201	142,118	11,190	14,664	16,440	591,721	27,831
(51280) PITTSFORD RIV, VT -LAKE TROUT	210,067	81	10,390	12			10,390	12
-LANDLOCKED ATL SAL	210,067	81	10,390	12			210,067	81
TOTAL HATCHERY SHIPMENTS	210,067	81	10,390	12			220,457	93
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	210,067	81	10,390	12			220,457	93
(51290) WHITE RIVER RIV, VT -ATLANTIC SALMON	650,946	5,308	341,243	42,347			992,189	47,655
TOTAL HATCHERY SHIPMENTS	650,946	5,308	341,243	42,347			992,189	47,655
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	650,946	5,308	341,243	42,347			992,189	47,655

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FTV NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
REGION 5 * CONT *								
(51270) MT SILEX SPR NFH, WY								
-BROOK TROUT	9,846	4	14,496	253	4,556	2,295	28,898	2,552
(TRANSFERS)	(60)	(1)	(60)	(2)	(80)	(48)	(200)	(51)
-BROWN TROUT			26,196	496			26,196	496
(TRANSFERS)			(120)	(4)			(120)	(4)
-RAINBOW TROUT			101,460	1,506	16,245	26,500	117,705	28,006
(TRANSFERS)			(60)	(1)	(140)	(109)	(200)	(110)
TOTAL HATCHERY SHIPMENTS	9,846	4	142,152	2,255	20,801	28,795	172,799	31,054
TOTAL TRANSFERS	(60)	(1)	(240)	(7)	(220)	(157)	(520)	(165)
HATCHERY DISTRIBUTION	9,786	3	141,912	2,248	20,581	28,638	172,279	30,889
REGIONAL SHIPMENTS								
	1,789,266	6,099	4,219,433	300,006	669,518	282,564	6,678,217	588,669
REGIONAL TRANSFERS								
	(60)	(1)	(203,444)	(1,994)	(2,012)	(1,257)	(205,516)	(3,252)
REGIONAL DISTRIBUTION								
	1,789,206	6,098	4,015,989	298,012	667,506	281,307	6,472,701	585,417
REGION 6								
(61210) BOZEMAN FTC, MT								
-ATLANTIC SALMON			2,500	122			2,500	122
-CUTTHROAT TROUT			10,200	158	1,553	897	11,753	1,055
-RAINBOW TROUT			1,380	587	93	813	1,473	1,400
TOTAL HATCHERY SHIPMENTS			14,080	867	1,646	1,710	15,726	2,577
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			14,080	867	1,646	1,710	15,726	2,577
(64210) CRAWFORD NFH, NE								
-BROOK TROUT			1,000	96	5,824	1,788	6,824	1,884

TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL	
							NUMBER	POUNDS
(64210) CRAWFORD NFH, NE -BROWN TROUT -RAINBOW TROUT	* CONT *		22,054 44,381	141 406	59,504 28,324	18,747 9,233	81,558 72,705	18,888 9,639
TOTAL HATCHERY SHIPMENTS			67,435	643	93,652	29,768	161,087	30,411
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			67,435	643	93,652	29,768	161,087	30,411
(61220) CRESTON NFH, MT -BROOK TROUT -BROWN TROUT -CUTTHROAT TROUT -RAINBOW TROUT			110,159 21,500 100,000 23,500	214 83 2,086 146			110,159 21,500 100,000 327,013	214 83 2,086 43,672
TOTAL HATCHERY SHIPMENTS			255,159	2,529	303,513	43,526	558,672	46,055
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			255,159	2,529	303,513	43,526	558,672	46,055
(61230) ENNIS NFH, MT -RAINBOW TROUT			100	2	23,197	39,273	23,297	39,275
TOTAL HATCHERY SHIPMENTS			100	2	23,197	39,273	23,297	39,275
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			100	2	23,197	39,273	23,297	39,275
(62210) GARRISON DAM NFH, ND -BLUEGILL (TRANSFERS) -FALL CHINOOK SALMON -NORTHERN PIKE -RAINBOW TROUT -STEELHEAD TROUT -ALLEY (TRANSFERS)			221,580 86,200 1,499,000 (922,000)	111 4,975 16 (10)	901,800 (115,900) 823,610 5,653,450 594,644 104,140 1,216,600 (275,000)	616 (117) 12,154 338 14,539 1,270 367 (11)	901,800 (115,900) 1,045,190 5,653,450 680,844 19,514 104,140 2,715,600 (1,197,000)	616 (117) 12,265 338 19,514 1,270 383 (21)
TOTAL HATCHERY SHIPMENTS			1,806,780	5,102	9,294,244	29,284	11,101,024	34,386
TOTAL TRANSFERS			(922,000)	(10)	(390,900)	(128)	(1,312,900)	(138)
HATCHERY DISTRIBUTION			884,780	5,092	8,903,344	29,156	9,788,124	34,248

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TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
REGION 6 * CONT *								
(64220) GAVINS POINT NFI, SD								
-BLUE X CHANNEL CATF.			81,000	970	2,180	740	81,000	970
-BURRILL			704,000	650			706,180	1,390
-CHANNEL CATFISH			402,420	3,423			402,420	3,423
-FALL CHINOOK SALMON			440,000	4,325			440,000	4,325
-LARGemouth BASS			222,300	382			222,300	382
-MUSKELLUNGE	90,000	10	35,000	34			125,000	44
-NORTHERN PIKE	1,000,000	22					1,000,000	22
-OTHER COOL WATER	40,000	10	25,200	42			65,200	52
-RAINBOW TROUT			101,595	4,578			101,595	4,578
-SMALLMOUTH BASS	11,800,000	189	417,000	464			417,000	464
-WALLEYE	830,500	250	860,300	762			12,660,300	951
-WALLEYE X SAUGER							830,500	250
TOTAL HATCHERY SHIPMENTS	13,760,500	481	3,288,815	15,630	2,180	740	17,051,495	16,851
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	13,760,500	481	3,288,815	15,630	2,180	740	17,051,495	16,851
(65210) HOTCHKISS NFI, CO								
-KOKANEE			396,318	2,525			396,318	2,525
-RAINBOW TROUT			1,334,918	65,977	159,541	27,397	1,494,459	93,374
(TRANSFERS)			(100,092)	(1,173)			(100,092)	(1,173)
TOTAL HATCHERY SHIPMENTS	-		1,731,236	68,502	159,541	27,397	1,890,777	95,899
TOTAL TRANSFERS			(100,092)	(1,173)			(100,092)	(1,173)
HATCHERY DISTRIBUTION			1,631,144	67,329	159,541	27,397	1,790,685	94,726
(61240) JACKSON NFI, WY								
-CUTTHROAT TROUT			109,130	1,323	429,218	84,885	538,348	86,208
-LAKE TROUT	5,874	2	150	3	57,196	9,244	63,220	9,249
(TRANSFERS)	(5,874)	(2)					(5,874)	(2)
TOTAL HATCHERY SHIPMENTS	5,874	2	109,280	1,326	486,414	94,129	601,568	95,457
TOTAL TRANSFERS	(5,874)	(2)					(5,874)	(2)
HATCHERY DISTRIBUTION			109,280	1,326	486,414	94,129	595,694	95,455

U.S. FISH AND WILDLIFE SERVICE

TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
REGION 6 * CONT *								
(65220) JONES HOLE NFH, UT								
-BROOK TROUT			18,500	324			18,500	324
(TRANSFERS)			(14,500)	(196)			(14,500)	(196)
-CUTTHROAT TROUT			921,159	28,792	36,218	12,512	957,377	41,304
(TRANSFERS)			(370,944)	(7,555)			(370,944)	(7,555)
-RAINEW TROUT			1,302,664	36,053	453,463	105,682	1,756,127	141,735
(TRANSFERS)			(120,000)	(2,460)			(120,000)	(2,460)
TOTAL HATCHERY SHIPMENTS			2,242,323	65,169	489,681	118,194	2,732,004	183,363
TOTAL TRANSFERS			(505,444)	(10,211)			(505,444)	(10,211)
HATCHERY DISTRIBUTION			1,736,879	54,958	489,681	118,194	2,226,560	173,152
(65230) LEADVILLE NFH, CO								
-BROOK TROUT			26,683	916			26,683	916
(TRANSFERS)			(14,500)	(196)			(14,500)	(196)
-CUTTHROAT TROUT			49,379	1,508	268,535	81,356	317,914	82,864
-RAINEW TROUT			34,129	970	282,780	58,452	316,909	59,422
(TRANSFERS)			(34,129)	(970)			(34,129)	(970)
TOTAL HATCHERY SHIPMENTS			110,191	3,394	551,315	139,808	661,506	143,202
TOTAL TRANSFERS			(48,629)	(1,166)			(48,629)	(1,166)
HATCHERY DISTRIBUTION			61,562	2,228	551,315	139,808	612,877	142,036
(61260) SARATOGA NFH, NY								
-BROOK TROUT			800	14			800	14
(TRANSFERS)			(42,544)	(1,488)			(42,544)	(1,488)
-CUTTHROAT TROUT			179,486	5,121	32,655	7,392	212,141	12,513
-LAKE TROUT			25,600	610			25,600	610
-RAINEW TROUT			222,325	5,720	1,603	686	223,928	6,406
(TRANSFERS)			(9,729)	(470)			(9,729)	(470)
TOTAL HATCHERY SHIPMENTS			470,755	12,953	34,258	8,078	505,013	21,031
TOTAL TRANSFERS			(9,729)	(470)			(9,729)	(470)
HATCHERY DISTRIBUTION			461,026	12,483	34,258	8,078	495,284	20,561

U.S. FISH AND WILDLIFE SERVICE

TABLE 2: FISH SHIPMENTS BY HATCHERY
FISCAL YEAR ENDING 09-30-84

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 6 * CONT *								
(62220) VALLEY CITY/BL DM,ND								
-BLACK CRAPPIE			26,000	58	241	226	26,241	284
-BUEGILL			548,200	264			548,200	264
-CHANNEL CATFISH			25,000	211			25,000	211
-LAKE TROUT			1,300	11			1,300	11
-MUSKELLONGE			60	60	2,755	143	3,290	203
-NORTHERN PINE	2,088,600	68	839,300	703			2,928,500	771
-OTHER PIKE	55,000	2	63,350	213			118,350	215
-SMALLMOUTH BASS			16,500	24			16,500	24
-WALLEYE	3,414,000	41	1,233,000	1,508			4,647,000	1,549
TOTAL HATCHERY SHIPMENTS	5,557,600	111	2,753,785	3,052	2,996	369	8,314,381	3,532
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	5,557,600	111	2,753,785	3,052	2,996	369	8,314,381	3,532
REGIONAL SHIPMENTS								
	21,130,754	5,696	20,337,403	203,351	2,148,393	502,992	43,616,550	712,039
REGIONAL TRANSFERS	(927,874) (	12)	(1,054,794) (	13,148)			(1,982,668) (	13,160)
REGIONAL DISTRIBUTION	20,202,880	5,684	19,282,609	190,203	2,148,393	502,992	41,633,882	698,879
TOTAL FWS SHIPMENTS								
	76,657,991	27,723	141,547,512	3,513,571	9,904,843	2,722,634	228,109,946	6,263,928
TOTAL FWS TRANSFERS	(19,018,886) (	617)	(10,378,508) (	102,947)	(	42,614) (	( 29,440,008) (	115,788)
TOTAL FWS DISTRIBUTION	57,638,705	27,106	131,169,004	3,410,624	9,862,229	2,710,410	198,669,938	6,148,140

U.S. FISH AND WILDLIFE SERVICE
TABLE 3: FISH DISTRIBUTION BY MAJOR GROUP
FISCAL YEAR ENDING 09-30-84

MAJOR GROUP AND SPECIES	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
COLDWATER (ANADROMOUS):								
-ATLANTIC SALMON	1,245,553	5,976	1,227,809	180,316			2,473,362	186,292
-CHUM SALMON	2,309,392	5,878	3,437,204	5,977			5,746,596	11,855
-COHO SALMON	732,288	2,863	5,715,463	363,408			6,447,751	366,271
-FALL CHINOOK SALMON	570,078	343	39,687,103	515,167			40,257,181	515,510
-SPRING CHINOOK SAL	1,449,774	3,009	12,912,981	764,908			14,362,755	767,917
-STEELHEAD TROUT	1,248,167	1,847	4,889,641	903,803			6,137,808	905,650
GROUP TOTAL	7,555,252	19,916	67,870,201	2,733,579			75,425,453	2,753,495
COLDWATER (NON-ANADROMOUS):								
-BROOK TROUT	9,786	3	932,919	18,694	210,089	74,758	1,152,794	93,455
-BROWN TROUT			526,659	13,621	350,615	102,278	877,274	115,899
-CUTTHROAT TROUT	72,045	764	2,066,450	67,098	1,395,797	278,763	3,534,292	346,625
-KOKANEE			396,318	2,525			396,318	2,525
-LAKE TROUT	210,067	81	4,978,411	203,160	64,413	25,149	5,042,824	228,309
-LANDLOCKED ATL SAL			105	23	2,017	359	212,189	463
-RAINBOW TROUT	86,200	4,975	6,676,451	235,843	7,326,787	2,112,707	14,089,438	2,353,525
GROUP TOTAL	378,098	5,823	15,577,313	540,964	9,349,718	2,594,014	25,305,129	3,140,801
COOLWATER:								
-BONYTAIL CHUB	68,311	1		2			68,311	1
-CHIHUAHUA CHUB			25		11	1	36	3
-COLORADO SQUAWFISH	10,206	1					10,206	1
-MUSKELLUNGE	90,000	10	35,535	94	2,755	143	128,290	247
-NORTHERN PIKE	6,682,600	162	6,493,683	1,052	225	135	13,176,508	1,349
-OTHER COOL WATER	40,000	10	25,200	42			65,200	52
-OTHER PIKE	55,000	2	63,350	213			118,350	215
-RAZORBACK SUCKER	3,120,338	34	112,622	1,914			3,232,960	1,948
-WALLEYE	24,645,000	291	4,653,812	4,249	20	40	29,298,832	4,580
-WALLEYE X SAUGER	830,500	250	223,640	309	300	225	1,054,140	559
-YELLOW PERCH			6,000	3			6,300	228
GROUP TOTAL	35,541,955	761	11,613,867	7,878	3,311	544	47,159,133	9,183

U.S. FISH AND WILDLIFE SERVICE

TABLE 3: FISH DISTRIBUTION BY MAJOR GROUP
FISCAL YEAR ENDING 09-30-84

MAJOR GROUP AND SPECIES	FRY NUMBER	FRY POUNDS	FINGERLING NUMBER	FINGERLING POUNDS	ADULT NUMBER	ADULT POUNDS	TOTAL NUMBER	TOTAL POUNDS
WARMWATER (COASTAL):								
-STRIPED BASS (ANAD)	2,560,000	107	2,597,620	15,726	112	169	5,157,732	16,002
-STURGEON	1,100	2					1,100	2
GROUP TOTAL	2,561,100	109	2,597,620	15,726	112	169	5,158,832	16,004
WARMWATER (INLAND):								
-BEAUTIFUL SHINER			12	1			12	1
-BLACK BULLHEAD			25,000	50	50	25	25,050	75
-BLACK CRAPPIE			26,056	78	241	226	26,297	304
-BLUE CATFISH	580,000	58	297,690	5,448	52	608	877,742	6,114
-BLUE X CHANNEL CATF.			81,000	970			81,000	970
-BLUEGILL			13,228,320	16,607	3,200	974	13,231,520	17,581
-BOWFIN					100	500	100	500
-CARP			850	8	735	1,530	1,585	1,538
-CHANNEL CATFISH	491,300	55	5,471,396	60,943	432,745	102,956	6,395,441	163,954
-DARTERS			50	1			50	1
-DESERT PUFFISH			200	1			200	1
-FLATHEAD CATFISH			2,940	42			2,940	42
-GARS					40	80	40	80
-GOLDFISH			57,176	1,666	30,966	3,559	88,142	5,225
-GREEN SUNFISH			21,260	69			21,260	69
-LARGemouth BASS	90,000	9	4,737,528	11,734	20,740	4,375	4,848,268	16,118
-OTHER MINNOWS			500	10			500	10
-OTHER SUCKERS					130	130	130	130
-OTHER SUNFISH			110,000	110			110,000	110
-OTHER WARM WATER			2,050	73			2,050	73
-REAR SUNFISH			3,180,080	5,603	10,000	100	3,180,080	5,603
-SMALLMOUTH BASS	530,000	56	978,320	1,487			1,518,409	2,163
-STRIPED BASS (INLAND)	9,000,000	90	3,173,736	3,641	10,089	620	12,173,736	3,731
-WHITE X STRIPED BASS	911,000	229	2,115,839	3,935			3,026,839	4,164
GROUP TOTAL	11,602,300	497	33,510,003	112,477	509,088	115,683	45,621,391	228,657
TOTAL DISTRIBUTION								
	57,638,705	27,106	131,169,004	3,410,624	9,862,229	2,710,410	198,669,938	6,148,140

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
<u>ATLANTIC ANADROMOUS (COLDWATER)</u>								
CONNECTICUT RIVER :								
-ATLANTIC SALMON	657,446	5,663	341,243	42,347			998,689	48,010
MERRIMACK RIVER :								
-ATLANTIC SALMON	450,939	213	43,218	15,726			494,157	15,939
PROBOSOOT AND OTHER MAINE RIVERS :								
-ATLANTIC SALMON	134,618	90	817,000	121,530			951,618	121,620
PENACLUCK RIVER :								
-ATLANTIC SALMON			23,201	518			23,201	518
TOTAL PROGRAM DISTRIBUTION	1,243,003	5,966	1,224,662	180,121			2,467,665	186,087

ATLANTIC/GULF COASTAL (WARMWATER)

NORTH ATLANTIC :								
-STRIPED BASS (ANAD)			2,306	133			2,306	133
MID ATLANTIC :								
-STRIPED BASS (ANAD)			320,180	369			320,180	369
SOUTH ATLANTIC :								
-STRIPED BASS (ANAD)	1,320,000	91	1,399,293	14,398	97	97	2,719,390	14,586
GULF :								
-STRIPED BASS (ANAD)			868,460	612			868,460	612
TOTAL PROGRAM DISTRIBUTION	1,320,000	91	2,590,239	15,512	97	97	3,910,336	15,700

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY NUMBER	FRY POUNDS	FINGERLING NUMBER	FINGERLING POUNDS	ADULT NUMBER	ADULT POUNDS	TOTAL NUMBER	TOTAL POUNDS
<u>ENDANGERED SPECIES</u>								
ANADROMOUS/COASTAL :								
-STURGEON	1,100	2					1,100	2
INLAND COLDWATER :								
-CUTTHROAT TROUT			830,322	12,943	619,325	90,625	1,450,247	103,568
INLAND COLDWATER :								
-BONETAIL CHUB	68,311	1					68,311	1
-CHIHUAHUA CHUB			25	2	11	1	36	3
-COLORADO SQUAMFISH	10,206	1					10,206	1
INLAND WARMWATER :								
-BEAUTIFUL SHINER			12	1			12	1
-DESERT PUFFIN			200	1			200	1
TOTAL PROGRAM DISTRIBUTION	79,617	4	831,159	12,947	619,336	90,626	1,530,112	103,577
<u>GREAT LAKES</u>								
LAKE ERIE :								
-LAKE TROUT			180,100	13,057			180,100	13,057
-RAINBOW TROUT			133,961	9,665			133,961	9,665
LAKE HURON :								
-BLUEGILL			100,000	50			100,000	50
-LAKE TROUT			575,886	24,997			575,886	24,997
LAKE MICHIGAN :								
-LAKE TROUT			1,225,658	48,524			1,225,658	48,524
-SMALLMOUTH BASS			30,000	67			30,000	67
LAKE ONTARIO :								
-LAKE TROUT			1,055,625	75,977			1,055,625	75,977
LAKE SUPERIOR :								
-LAKE TROUT			1,512,364	32,095			1,512,364	32,095

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
GREAT LAKES * CONT *								
COOPERATIVE STATE REARING :								
-LAKE TROUT		365,998		7,100	5,481	5,905	371,479	13,005
TOTAL PROGRAM DISTRIBUTION		5,179,592		211,532	5,481	5,905	5,185,073	217,437
INLAND COLDWATER								
FEDERAL (MILITARY) :								
-BROOK TROUT		19,363		1,894	24,250	6,339	43,613	8,233
-BROWN TROUT					16,400	4,459	16,400	4,459
-CUTTHROAT TROUT					111,315	33,478	111,315	33,478
-RAINBOW TROUT		40,235		4,480	130,209	40,095	170,444	44,575
FEDERAL (NON-MILITARY) :								
-BROOK TROUT		8,132		469	159,339	55,415	167,471	55,884
-BROWN TROUT		343,301		4,470	150,040	43,778	493,341	48,248
-CUTTHROAT TROUT		248,970		7,152	45,194	20,675	294,164	27,827
-FALL CHINOOK SALMON		273,270		4,181			273,270	4,181
-RAINBOW TROUT	34,400	2,220		48,224	3,396,971	1,108,528	5,576,775	1,158,972
-STEELHEAD TROUT			104,140	1,270			104,140	1,270
FEDERAL RESERVOIR :								
-ATLANTIC SALMON		2,500		122			2,500	122
-BROOK TROUT		3,728		220	14,800	4,094	18,528	4,314
-BROWN TROUT					2,253	874	2,253	874
-CUTTHROAT TROUT		440,382		23,002	565,781	118,353	1,006,163	141,355
-FALL CHINOOK SALMON		990,340		12,298			990,340	12,298
-KOKanee		396,318		2,525			396,318	2,525
-LAKE TROUT		1,300		11	52,292	8,514	53,592	8,525
-RAINBOW TROUT	51,800	2,755	3,092,390	116,811	2,243,280	570,457	5,387,470	690,023
INDIAN RESERVATIONS :								
-BROOK TROUT		660,721		12,835			660,721	12,835
-BROWN TROUT		86,628		3,869	3,700	2,512	90,328	6,381
-CUTTHROAT TROUT	72,045	764		20,516	54,122	15,605	503,953	36,885
-LAKE TROUT					5,002	766	5,002	766
-RAINBOW TROUT		897,972		43,354	1,103,599	250,366	2,001,571	293,720

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
INLAND COLDWATER * CONT *								
PRIVATE WATERS :								
-BROOK TROUT					2,100	650	2,100	650
-RAINBOW TROUT					1,800	771	1,800	771
STATE WATERS :								
-BROOK TROUT			230,915	3,162	9,040	7,792	239,955	10,954
-BROWN TROUT			96,730	5,282	178,102	50,631	274,832	55,913
-CUTTTHROAT TROUT			165,900	3,456			165,900	3,456
-FALL CHIRCOCK SALMON	221,580	111					221,580	111
-LAKE TROUT			35,990	622	781	5,170	36,771	5,792
-LANDLOCKED ATL SAL	210,067	81	105	23	2,017	359	212,189	463
-RAINBOW TROUT			354,654	11,446	441,298	139,715	795,952	151,161
FOREIGN :								
-LAKE TROUT			40	5			40	5
TOTAL PROGRAM DISTRIBUTION	589,892	5,931	11,017,214	331,699	8,713,685	2,489,396	20,320,791	2,827,026

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY		POUNDS		FINGERLING		ADULT		TOTAL	
	NUMBER		POUNDS		NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
INLAND COOLWATER										
FEDERAL (MILITARY) :										
-NORTHERN PIKE						3			50,250	3
-WALLEYE	60,000		1		50,250	10			68,300	11
FEDERAL (NON-MILITARY) :										
-MUSKELLUNGE					181	20			557	40
-NORTHERN PIKE	2,088,600		68		5,129,900	598	376	20	7,218,500	666
-OTHER PIKE	55,000		2						55,000	2
-WALLEYE	3,891,000		43		1,057,760	1,338			4,948,760	1,381
FEDERAL RESERVOIR :										
-MUSKELLUNGE	90,000		10		35,354	74			126,824	168
-NORTHERN PIKE	1,000,000		22		1,270,450	421	1,470	84	2,270,450	443
-OTHER COOL WATER	40,000		10		25,200	42			65,200	52
-OTHER PIKE					60,750	187			60,750	187
-WALLEYE	17,300,000		222		3,261,112	2,661			20,561,112	2,883
-WALLEYE X SAUGER	830,500		250		173,820	243			1,004,320	493
INDIAN RESERVATIONS :										
-NORTHERN PIKE	44,000		1		43,000	20			87,000	21
-RAZORBACK SUCKER	940,917		9						940,917	9
-WALLEYE	44,000		1		153,200	72			197,200	73
STATE WATERS :										
-NORTHERN PIKE	3,550,000		71						3,550,000	71
-OTHER PIKE					2,600	26			2,600	26
-RAZORBACK SUCKER	2,179,421		25		112,622	1,914			2,292,043	1,939
-WALLEYE	3,250,000		20		159,740	159			3,409,740	179
-WALLEYE X SAUGER					49,820	66			49,820	66
TOTAL PROGRAM DISTRIBUTION	35,363,438		755		11,594,059	7,854	1,846	104	46,959,343	8,713

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
<u>INLAND WARMWATER</u>								
FEDERAL (MILITARY) :								
-BLACK CRAPPIE			56	20			56	20
-BLUE CATFISH			13,850	510			13,850	510
-BLUEGILL			68,230	142			68,230	142
-CHANNEL CATFISH			222,159	4,925	44,253	7,939	266,412	12,864
-GOLDFISH					12	12	12	12
-LARGemouth BASS			35,539	750	581	446	36,120	1,196
-REDEAR SUNFISH			27,670	48			27,670	48
-SMALLmouth BASS			5,400	12			5,400	12
-STRIPED BASS (INLAND)			2,700	25			2,700	25
-WHITE X STRIPED BASS			14,390	1,613			14,390	1,613
FEDERAL (NON-MILITARY) :								
-BLACK CRAPPIE			15,400	410	200	200	200	200
-BLUE CATFISH	20		1,768,628	2,563			215,400	430
-BLUEGILL			188,890	2,839	58,425	7,226	1,768,628	2,563
-CHANNEL CATFISH			50	1			247,315	10,065
-DARTERS			380,525	1,275	3,314	1,025	50	1
-LARGemouth BASS			500	10			383,839	2,300
-OTHER MINNKS			2,050	73			500	10
-OTHER WARM WATER			90,650	208			2,050	73
-REDEAR SUNFISH			60,900	135			90,650	208
-SMALLmouth BASS	12		124,000	157			178,900	147
-WHITE X STRIPED BASS							124,000	157
FEDERAL RESERVOIR :								
-BLACK CRAPPIE			26,000	58			26,000	58
-BLUE CATFISH			7,100	150	50	600	7,150	750
-BLUE X CHANNEL CATF.			81,000	970			81,000	970
-BLUEGILL			2,457,807	3,008	2,680	866	2,460,487	3,874
-CHANNEL CATFISH			1,978,470	19,178	60,090	7,215	2,038,560	26,393
-LARGemouth BASS			1,761,982	4,242			1,761,982	4,242
-OTHER SUNFISH			110,000	110			110,000	110
-REDEAR SUNFISH			570,173	786			570,173	786
-SMALLmouth BASS			695,550	946			1,107,550	990
-STRIPED BASS (INLAND)	44		1,904,164	2,584			1,904,164	2,584
-WHITE X STRIPED BASS			690,808	933			690,808	933
INDIAN RESERVATIONS :								
-BLUEGILL			410,800	171			410,800	171
-CHANNEL CATFISH			298,500	2,300	141,751	47,060	440,251	49,360
-LARGemouth BASS			125,000	325			125,000	325

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
INLAND WARMWATER * CONT *								
PRIVATE WATERS :								
-BLUEGILL								
-CHANNEL CATFISH								
-LARGemouth BASS								
-REDEAR SUNFISH								
		7,073,477		8,871			7,073,477	8,871
		1,118,131		10,535			1,118,131	10,535
		983,205		1,379			983,205	1,379
		2,312,587		4,370			2,312,587	4,370
STATE WATERS :								
-BLACK CRAPPIE								
-BLUE CATFISH	380,000		261,340	4,378	41	26	41	26
-BLUEGILL			1,161,233	1,659	2	8	641,342	4,424
-CHANNEL CATFISH	473,800		1,593,351	19,588	127,816	33,258	1,161,233	1,659
-FLATHEAD CATFISH			2,940	42			2,194,967	52,899
-GOLDFISH			56,776	1,622	30,534	3,447	2,940	42
-GREEN SUNFISH			21,260	69			87,310	5,069
-LARGemouth BASS	90,000	9	1,361,677	3,611	16,702	2,850	21,260	69
-REDEAR SUNFISH			179,000	218			1,468,379	6,470
-SMALLMOUTH BASS			110,170	218	10,067	576	179,000	191
-STRIPED BASS (INLAND)	9,000,000	90	1,266,872	1,032			120,237	794
-WHITE X STRIPED BASS	911,000	229	1,286,641	1,232			10,266,872	1,122
							2,197,641	1,461
FOREIGN :								
-LARGemouth BASS			52,000	102			52,000	102
-SMALLMOUTH BASS			62,000	92			62,000	92
TOTAL PROGRAM DISTRIBUTION	11,584,800	495	33,041,601	110,468	496,518	112,754	45,122,919	223,717

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	Fry		Fingerling		Adult		Total	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
<u>PACIFIC ANADROMOUS</u>								
COASTAL/PUGET SOUND :								
-CHUM SALMON	2,309,392	5,878	3,437,204	5,977			5,746,596	11,855
-OHO SALMON	732,288	2,863	2,153,971	131,917			2,886,259	134,780
-FALL CHINOOK SALMON			295,872	6,892			295,872	6,892
-SPRING CHINOOK SAL			529,549	31,890			529,549	31,890
-STEELHEAD TROUT	1,177,767	1,659	270,264	40,068			1,448,031	41,727
COLUMBIA RIVER BASIN :								
-OHO SALMON			3,560,888	231,457			3,560,888	231,457
-FALL CHINOOK SALMON			19,908,238	269,164			19,908,238	269,164
-SPRING CHINOOK SAL	1,449,774	3,009	12,378,872	732,553			13,828,646	735,562
-STEELHEAD TROUT	50,400	180	3,450,617	697,923			3,501,017	698,103
SACRAMENTO RIVER BASIN :								
-FALL CHINOOK SALMON	348,498	232	11,342,539	135,779			11,691,037	136,011
-STEELHEAD TROUT			1,063,238	164,425			1,063,238	164,425
TOTAL PROGRAM DISTRIBUTION	6,068,119	13,821	58,391,252	2,448,045			64,459,371	2,461,866
<u>RESEARCH</u>								
FEDERAL :								
-ATLANTIC SALMON	50	6	647	73	50	25	697	79
-BLACK BULLHEAD			25,000	50	520	108	25,050	75
-BUIRGILL			104,845	81	100	500	105,365	189
-BOWFIN					60	8	19,906	125
-BROOK TROUT	9,786	3	10,060	114	120	24	120	24
-BROWN TROUT					735	1,530	1,585	1,538
-CARP			850	8	410	258	89,805	1,838
-CHANNEL CATFISH			71,895	1,578			34	34
-OHO SALMON	17,500	2	604	34			6,876,844	86,853
-OUTTHROAT TROUT			2,490	29	60	27	2,550	56
-FALL CHINOOK SALMON			6,876,844	86,853			6,876,844	86,853
-GARS					40	80	80	80
-GOLDFISH			400	44	420	100	820	144
-LAKE TROUT			25,300	769	457	2,594	25,757	3,363
-LARGemouth BASS			37,600	50	143	54	37,743	104
-MUSKELLUNGE					909	39	909	39
-NORTHERN PIKE			83	10	225	135	308	145
-OTHER SICKERS					130	130	130	130
-OTHER WARM WATER					10,000	100	10,000	100
-RAINFLOW TROUT			100	2	9,430	2,733	9,530	2,735
-SMALLMOUTH BASS			14,300	17	22	44	14,322	61
-SPRING CHINOOK SAL			4,320	446			4,320	446
-STEELHEAD TROUT	20,000	8	842	66			20,842	74
-STRIPED BASS (ANAD)	740,000	11	7,381	214	15	72	747,396	297
-WALLEYE	100,000	4	13,700	9	20	40	113,720	53
-YELLOW PERCH			6,000	3	300	225	6,300	228

U.S. FISH AND WILDLIFE SERVICE

TABLE 4: FISH DISTRIBUTION BY PROGRAM
FISCAL YEAR ENDING 09-30-84

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
RESEARCH *CONT *								
STATE :								
-BLUEGILL			78,300	45			78,300	45
-LAKE TROUT					400	2,200	400	2,200
-RAINBOW TROUT			11,735	1,861	200	42	11,935	1,903
-SPRING CHINOOK SAL			240	19			240	19
-STEELHEAD TROUT			540	51			540	51
-STRIPED BASS (ANAD)	500,000	5					500,000	5
PRIVATE :								
-ATLANTIC SALMON	2,500	4					2,500	4
-BLUEGILL			5,000	17			5,000	17
-BROOK TROUT					500	460	500	460
FOREIGN :								
-LAKE TROUT			150	3			150	3
TOTAL PROGRAM DISTRIBUTION	1,389,836	43	7,299,226	92,446	25,266	11,528	8,714,328	104,017
TOTAL FWS DISTRIBUTION	57,638,705	27,106	131,169,004	3,410,624	9,862,229	2,710,410	198,669,938	6,146,140



U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-10-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
ALABAMA								
-BLUE CATFISH	200,000	20	11,735	1,861	10,500	3,077	200,000	20
-RAINBOW TROUT			4,200	7			22,235	4,938
-SMALLMOUTH BASS	500,000	5	2,000	84			4,200	7
-STRIPED BASS (ANAD)			30,000	46			502,000	89
-STRIPED BASS (INLAND)			20,240	46			30,000	46
-MULLET							20,240	46
TOTAL ALABAMA	700,000	25	68,175	2,044	10,500	3,077	778,675	5,146
ARIZONA								
-BROOK TROUT			31,000	384			31,000	384
-BROWN TROUT			22,584	2,298			22,584	2,298
-CHANNEL CATFISH					84,940	16,460	84,940	16,460
-CUTTHROAT TROUT							59,900	4,842
-DESERT PUFTISH			59,900	4,842			200	1
-LARGEMOUTH BASS			64,800	160			64,800	160
-RAINBOW TROUT			450,784	30,506	576,753	113,152	1,027,537	143,658
-RAZORBACK SUCKER	3,120,338	34	107,622	1,814			3,227,960	1,848
TOTAL ARIZONA	3,120,338	34	736,890	40,005	661,693	129,612	4,518,921	169,651
ARKANSAS								
-BLUE CATFISH	100,000	10	275,636	465			100,000	10
-BLUEGILL					264	312	275,636	465
-BROWN TROUT			44,554	999	3,000	120	47,554	1,119
-CHANNEL CATFISH			51,679	2,765			51,679	2,765
-CUTTHROAT TROUT			63,723	794	2,800	275	66,523	1,069
-LARGEMOUTH BASS			12,173	154	1,513,150	495,807	1,525,323	495,961
-RAINBOW TROUT			118,129	200			118,129	200
-REAR SUNFISH					10,000	476	203,000	496
-SMALLMOUTH BASS	193,000	20	2,001	84			2,001	84
-STRIPED BASS (ANAD)			14,260	713			2,014,260	733
-STRIPED BASS (INLAND)	2,000,000	20	300,782	269			300,782	269
-WHITE X STRIPED BASS								
TOTAL ARKANSAS	2,293,000	50	882,937	6,443	1,529,214	496,990	4,705,151	503,483

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
CALIFORNIA								
-BONITA CHUB	68,311	1			68,311		1	
-FALL CHINOOK SALMON	348,498	232	11,370,360	136,044	11,718,858	136,276		
-RAINBOW TROUT			1,063,570	164,427	26,200	7,790		
-STEELHEAD TROUT					1,063,570	164,427		
TOTAL CALIFORNIA	416,809	233	12,433,930	300,471	26,200	7,790	12,876,939	308,494
COLORADO								
-BLUEGILL			277,000	343	277,000	343		
-BROOK TROUT			12,183	720	12,183	720		
-CHANNEL CATFISH			435,220	4,630	435,220	4,630		
-CUTTHROAT TROUT			304,020	5,907	572,555	87,523		
-FORANEE			396,318	2,525	396,318	2,525		
-LARGE TROUT			25,600	610	25,600	610		
-LARGEMOUTH BASS			10,000	125	10,000	125		
-OTHER COOL WATER	40,000	10			40,000	10		
-RAINBOW TROUT	15,000	1	1,080,583	46,235	343,602	79,174	1,424,185	125,409
-STRIPED BASS (ANAD)					15,000	1		
TOTAL COLORADO	55,000	11	2,540,924	61,095	612,137	160,530	3,208,061	221,636
CONNECTICUT								
-ATLANTIC SALMON			61,208	6,217	61,208	6,217		
-STRIPED BASS (ANAD)			600	27	690	27		
TOTAL CONNECTICUT			61,808	6,244	61,808	6,244		
DELAWARE								
-BLUEGILL			75,900	46	75,900	46		
-CHANNEL CATFISH			5,000	111	5,000	111		
-LARGEMOUTH BASS			4,480	14	4,480	14		
TOTAL DELAWARE			85,380	171	85,380	171		

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
FLORIDA								
-BLUEGILL			1,637,629	2,218			1,637,629	2,218
-CHANNEL CATFISH			559,324	3,705			559,324	3,705
-LARGemouth BASS			351,458	392	140	420	351,458	812
-REDFIN SUNFISH			704,951	947			704,951	947
-STRIPED BASS (ANAD)	550,000	6	689,985	772			1,239,985	778
-STRIPED BASS (INLAND)			1,054	17			1,054	17
-WALLEYE X SAUGER	240,000	60					240,000	60
-WHITE X STRIPED BASS			828,823	731			828,823	731
TOTAL FLORIDA	790,000	66	4,773,224	8,782	140	420	5,563,364	9,268
GEORGIA								
-BLUEGILL			795,075	1,092			795,075	1,092
-BROOK TROUT			311,040	4,422	70	70	311,040	70
-BROWN TROUT			202,520	4,282	15,080	3,507	326,120	7,929
-CHANNEL CATFISH			174,699	182			174,699	182
-LARGemouth BASS			844,785	19,939	125	221	844,785	403
-RAINBOW TROUT			305,825	431	484,406	158,127	1,329,191	178,066
-REDFIN SUNFISH			43,450	22			43,450	22
-STRIPED BASS (ANAD)			244,400	206			244,400	206
-STRIPED BASS (INLAND)								
TOTAL GEORGIA			2,921,794	30,576	499,681	161,925	3,421,475	192,501
IDAHO								
-RAINBOW TROUT			15,594	202			15,594	202
-SPRING CHINOOK SAL			2,047,102	121,629			2,047,102	121,629
-STEELHEAD TROUT	20,000	8	3,219,891	671,747	101,177	42,030	3,239,891	671,755
TOTAL IDAHO	20,000	8	5,282,587	793,578	101,177	42,030	5,403,764	835,616
ILLINOIS								
-CHANNEL CATFISH			226,958	4,733	15,000	1,254	15,000	1,254
-LAKE TROUT			30,000	67			226,958	4,733
-SMALLMOUTH BASS							30,000	67
-STRIPED BASS (INLAND)	2,000,000	20					2,000,000	20
-WALLEYE	4,500,000	23					4,500,000	23
-WALLEYE X SAUGER	28,000	30					28,000	30
TOTAL ILLINOIS	6,528,000	73	256,958	4,800	15,000	1,254	6,799,958	6,127

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
INDIANA								
-BLUEGILL			2,000	36			2,000	36
-CHANNEL CATFISH			350	5			5,200	559
-LAKE TROUT			107,800	4,870	4,850	554	107,800	4,870
-LARGemouth BASS			350	5			350	5
-REDEAR SUNFISH			1,000	1			1,000	1
TOTAL INDIANA			111,500	4,917	4,850	554	116,350	5,471
IOWA								
-BLUEGILL			4,000	1			4,000	1
-CHANNEL CATFISH			1,500	17	45	211	1,545	228
-LARGemouth BASS			1,800	13			1,800	13
-NORTHERN PIKE	150,000	3	250	1			150,250	4
-SMALLMOUTH BASS			15,400	17			15,400	17
-WALLEYE	660,000	5	8,300	10			668,300	15
TOTAL IOWA	810,000	8	31,250	59	45	211	841,295	278
KANSAS								
-NORTHERN PIKE			50,000	2			50,000	2
-RAINEW TROUT					4,930	1,328	4,930	1,328
-SMALLMOUTH BASS	125,000	13	10,000	24			135,000	37
-WALLEYE	4,800,000	69					4,800,000	69
TOTAL KANSAS	4,925,000	82	60,000	26	4,930	1,328	4,989,930	1,436
KENTUCKY								
-BLUEGILL			862,321	1,266			862,841	1,400
-BROWN TROUT					520	134	7,000	1,255
-CHANNEL CATFISH			92,570	887			161,284	10,469
-GOLDPISH			34,176	1,206			48,680	3,108
-LARGemouth BASS			113,414	123			113,537	341
-RAINEW TROUT			88,500	4,609			638,724	176,515
-REDEAR SUNFISH			50,200	84			50,200	84
-SMALLMOUTH BASS	210,000	21					210,000	21
-WALLEYE	1,500,000	7	100,672	111			1,600,672	118
-WHITE X STRIPED BASS			181,200	225			181,200	225
TOTAL KENTUCKY	1,710,000	28	1,523,053	8,563	641,085	184,945	3,874,138	193,536

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
LOUISIANA								
-BLUE CATFISH	200,000	20	116,656	3,507	316,656	3,527		
-BLUEGILL			3,670,209	5,470	3,670,209	5,470		
-CHANNEL CATFISH			2,046	62	2,046	62		
-CARPERS			50	1	50	1		
-FLATHEAD CATFISH			2,940	42	2,940	42		
-LARGemouth BASS			1,260,211	749	1,260,211	749		
-OTHER MINNONS			500	10	500	10		
-OTHER WARM WATER			2,050	73	2,050	73		
-PEDESTAL SUNFISH			512,950	959	512,950	959		
-STRIPED BASS (INLAND)			854,802	613	854,802	613		
-WHITE X STRIPED BASS			436,818	475	436,818	475		
TOTAL LOUISIANA	200,000	20	6,859,232	11,961	7,059,232	11,981		
MAINE								
-ATLANTIC SALMON	134,618	90	817,200	121,558	951,818	121,648		
-BROOK TROUT			105	23	1,500	598		
-LANDLOCKED ATL SAL			2,306	133	2,122	382		
-STRIPED BASS (ANAD)					2,306	133		
TOTAL MAINE	134,618	90	819,611	121,714	3,517	957	957,746	122,761
MARYLAND								
-BLUE CATFISH			3,500	124	3,500	124		
-BLUEGILL			221,500	316	221,500	316		
-CHANNEL CATFISH			21,250	463	21,250	463		
-RAINBOW TROUT			24,150	52	15,000	6,490		
-STRIPED BASS (ANAD)					24,150	52		
TOTAL MARYLAND			270,400	955	15,000	6,490	285,400	7,445
MASSACHUSETTS								
-ATLANTIC SALMON	89,450	408	228,035	24,169	317,485	24,577		
-BROOK TROUT			35,522	2,921	40,391	7,448		
-BROWN TROUT			16,653	1,711	17,045	2,739		
-RAINBOW TROUT			29,113	1,722	29,113	1,722		
TOTAL MASSACHUSETTS	89,450	408	309,323	29,983	5,261	6,095	404,034	36,486

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
MICHIGAN								
-LAKE TROUT			2,373,250	68,437	5,259	12,869	2,378,509	81,306
-RAINBOW TROUT					2,000	428	2,000	428
TOTAL MICHIGAN			2,373,250	68,437	7,259	13,297	2,380,509	81,734
MINNESOTA								
-BLUEGILL			600	3			600	3
-CARP			850	8			875	58
-CHANNEL CATFISH		1	660	15	25	50	4,660	16
-LAKE TROUT	4,000		161,998	6,342			161,998	6,342
-NORTHERN PIKE	150,000	3			25	25	150,025	28
-RAINBOW TROUT			17,000	500			17,000	500
-WALLEYE	550,000	4					550,000	4
TOTAL MINNESOTA	704,000	8	181,108	6,868	50	75	885,158	6,951
MISSISSIPPI								
-BLUEGILL			2,256,606	2,972			2,256,606	2,972
-CHANNEL CATFISH			703,514	4,478			746,454	9,543
-GREEN SUNFISH			21,260	69	42,940	5,065	21,260	69
-LARGemouth BASS			237,099	682			237,099	682
-REDEAR SUNFISH			1,016,549	2,381			1,016,549	2,381
-STRIPED BASS (ANAD)			701,460	429			701,460	429
-WHITE X STRIPED BASS	161,000	221					161,000	221
TOTAL MISSISSIPPI	161,000	221	4,936,488	11,011	42,940	5,065	5,140,428	16,297
MISSOURI								
-BLUEGILL			60,000	6			60,000	6
-LARGemouth BASS			143,330	1,767			143,330	1,767
-RAINBOW TROUT					443,417	98,009	443,417	98,009
-SMALLmouth BASS					22	44	22	44
TOTAL MISSOURI			203,330	1,773	443,439	98,053	646,769	99,826

U.S. FISH AND WILDLIFE SERVICE
TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	Fry		Fingerling		Adult		Total	
	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
MONTANA								
-ATLANTIC SALMON			2,500	122			2,500	122
-BROOK TROUT			110,159	214			110,159	214
-BROWN TROUT			21,500	83			21,500	83
-CUTTHROAT TROUT			110,200	2,244	1,553	897	111,753	3,141
-RAINBOW TROUT			24,980	735	322,142	68,978	347,122	69,713
TOTAL MONTANA			269,339	3,398	323,695	69,875	593,034	73,273
NEBRASKA								
-BLUE X CHANNEL CATF.			81,000	970			81,000	970
-BLUEGILL			167,200	135	2,180	740	169,380	875
-BROOK TROUT			1,000	96	1,324	445	2,324	541
-BROWN TROUT			22,054	141	43,304	14,453	65,358	14,594
-CHANNEL CATFISH			382,420	3,196			382,420	3,196
-MUSKELLUNGE	90,000	10	2,600	26			90,000	10
-OTHER PIKE			136,976	4,290	23,074	7,467	160,050	11,757
-RAINBOW TROUT			532,800	449			532,800	449
-WALLEYE								
TOTAL NEBRASKA	90,000	10	1,326,050	9,303	69,882	23,105	1,485,932	32,418
NEVADA								
-CUTTHROAT TROUT	72,045	764	960,639	12,636	617,772	89,728	1,650,456	103,128
-RAINBOW TROUT			714,572	11,505	209,703	38,604	924,275	50,109
-RAZORBACK SUCKER	1,000,000	15	5,000	100			5,000	100
-WALLEYE							1,000,000	15
TOTAL NEVADA	1,072,045	779	1,660,211	24,241	827,475	128,332	3,579,731	153,352
NEW HAMPSHIRE								
-ATLANTIC SALMON	453,439	217	43,418	15,742			496,857	15,959
TOTAL NEW HAMPSHIRE	453,439	217	43,418	15,742			496,857	15,959

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09--30-84

STATE AND SPECIES	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	NUMBER	POUNDS	TOTAL NUMBER	POUNDS
NEW JERSEY										
-BROOK TROUT					17,750	4,531	17,750	4,531		
-BROWN TROUT					1,900	760	1,900	760		
-CHANNEL CATFISH							106,850	1,326		
-LAKE TROUT	50,000	7	56,850	1,319			10,390	12		
-RAINBOW TROUT			10,390	12			3,900	1,333		
-STRIPED BASS (ANAD)			50,000	100	3,900	1,333	50,000	100		
-WHITE X STRIPED BASS			16,000	23			16,000	23		
TOTAL NEW JERSEY	50,000	7	133,240	1,454	23,550	6,624	206,790	8,085		
NEW MEXICO										
-CHANNEL CATFISH			384,780	7,504	134,683	39,863	519,463	47,367		
-CHIHUAHUA CHUB			13	1			13	1		
-CUTTHROAT TROUT			135,739	15,273	9,846	1,993	145,585	17,266		
-LARGEMOUTH BASS			292,440	569			292,440	569		
-RAINBOW TROUT			379,310	28,910	441,297	92,836	820,607	121,746		
TOTAL NEW MEXICO			1,192,282	52,257	585,826	134,692	1,778,108	186,949		
NEW YORK										
-BROOK TROUT			4,189	710			4,189	710		
-CHANNEL CATFISH			17,000	240			17,000	240		
-LAKE TROUT			1,169,875	83,522			1,171,735	86,522		
-LANDLOCKED ATL SAL	174,067	67			1,860	3,000	174,067	67		
-LARGEMOUTH BASS			2,000	1			2,000	1		
-RAINBOW TROUT			4,435	704			4,435	704		
TOTAL NEW YORK	174,067	67	1,197,499	85,177	1,860	3,000	1,373,426	88,244		
NORTH CAROLINA										
-BLUEGILL			703,309	592			703,309	592		
-BROWN TROUT					700	1,687	700	1,687		
-CHANNEL CATFISH			204,364	2,250			204,364	2,250		
-LARGEMOUTH BASS			241,676	433			241,676	433		
-RAINBOW TROUT			45,000	811	13,500	24,013	58,500	24,824		
-REDFEAR SUNFISH			294,836	325			294,836	325		
-STRIPED BASS (ANAD)			425,169	12,198	112	169	425,281	12,367		
-STRIPED BASS (INLAND)			568,000	493			568,000	493		
TOTAL NORTH CAROLINA			2,482,354	17,102	14,312	25,869	2,496,666	42,971		

U.S. FISH AND WILDLIFE SERVICE
TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
NORTH DAKOTA								
-BLACK CRAPPIE			18,000	55			18,241	281
-BUBBLE			1,257,100	720			1,257,100	720
-CHANNEL CATFISH			25,000	211			25,000	211
-FALL CHINOOK SALMON	150,080	75	823,610	12,154			973,690	12,229
-LAKE TROUT			1,300	11			1,300	11
-MUSKELLUNGE			535	60			2,381	164
-NORTHERN PIKE	2,088,600	68	6,443,350	1,039	1,846	104	8,531,950	1,107
-OTHER PIKE			1,750	84			1,750	84
-RAINBOW TROUT	86,200	4,975	594,644	14,539			680,844	19,514
-SMALLMOUTH BASS			12,500	18			12,500	18
-STEELHEAD TROUT			104,140	1,270			104,140	1,270
-WALLEYE	3,891,000	43	2,174,600	1,864			6,065,600	1,907
TOTAL NORTH DAKOTA	6,215,880	5,161	11,456,529	32,025	2,087	330	17,674,496	37,516
OHIO								
-CHANNEL CATFISH			554,010	5,931			567,740	6,859
-RAINBOW TROUT			133,961	9,665	13,730	928	143,147	13,258
-SMALLMOUTH BASS			48,000	57	9,186	3,593	48,067	157
-STRIPED BASS (ANAD)					67	100	25,000	3
-WALLEYE	25,000	3	1,462,800	1,431			1,462,800	1,431
-WALLEYE X SAUGER			223,640	309			223,640	309
-WHITE X STRIPED BASS			45,000	23			45,000	23
TOTAL OHIO	25,000	3	2,467,411	17,416	22,983	4,621	2,515,394	22,040
OKLAHOMA								
-BROOK TROUT					3,121	3,054	3,121	3,054
-BROWN TROUT					2,470	3,523	2,470	3,523
-CHANNEL CATFISH			809,550	8,000	4,515	7,605	814,065	15,605
-LARGEMOUTH BASS			738,648	1,285			738,648	1,285
-RAINBOW TROUT					241,959	63,639	241,959	63,639
-SMALLMOUTH BASS			261,620	487			261,620	487
-STRIPED BASS (INLAND)	5,000,000	50					5,000,000	50
-WHITE X STRIPED BASS			217,426	527			217,426	527
TOTAL OKLAHOMA	5,000,000	50	2,027,244	10,299	252,065	77,821	7,279,309	88,170

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	Fry		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
OREGON								
-BROOK TROUT			20,046	257			20,046	257
-COHO SALMON			994,958	73,840			994,958	73,840
-RAINBOW TROUT					16,281	8,537	16,281	8,537
-SPRING CHINOOK SAL	54,174	411	1,604,807	146,320			1,658,981	146,731
-STEELHEAD TROUT	50,400	180	231,776	26,291			282,176	26,471
TOTAL OREGON	104,574	591	2,851,587	246,708	16,281	8,537	2,972,442	255,836
PENNSYLVANIA								
-BROOK TROUT			5,000	446	88,200	24,491	93,200	24,937
-BROWN TROUT			4,185	465	39,389	14,365	43,574	14,830
-CHANNEL CATFISH			342,825	3,241			342,825	3,241
-LAKE TROUT			91,150	6,281	140	280	91,290	6,561
-LARGemouth BASS			8,000	4			8,000	4
-RAINBOW TROUT			9,100	919	91,850	36,496	100,950	37,415
-SMALLmouth BASS			4,400	60			4,400	60
-WHITE X STRIPED BASS			76,400	54			76,400	54
TOTAL PENNSYLVANIA			541,060	11,470	219,579	75,632	760,639	87,102
RHODE ISLAND								
-ATLANTIC SALMON			23,201	518			23,201	518
-BROWN TROUT			14,323	2,427	3,812	3,768	18,135	6,195
TOTAL RHODE ISLAND			37,524	2,945	3,812	3,768	41,336	6,713
SOUTH CAROLINA								
-BLUE CRAYFISH			156,394	1,003	52	608	156,446	1,611
-BLUEGILL			50,300	73			50,300	73
-BROOK TROUT					12,116	5,360	12,116	5,360
-BROWN TROUT			45,700	634	163,847	38,864	209,547	39,498
-CHANNEL CATFISH					62	148	62	148
-LARGemouth BASS			11,665	15			11,665	15
-OTHER SUNFISH			110,000	110			110,000	110
-RAINBOW TROUT			10,200	76	151,213	51,064	161,413	51,140
-REAR SUNFISH			21,300	18			21,300	18
-STRIPED BASS (ANAD)	1,270,000	90	407,769	1,593			1,677,769	1,693
-STRIPED BASS (INLAND)	1,100	2	1,001,600	1,154			1,001,600	1,154
-STURGEON							1,100	2
TOTAL SOUTH CAROLINA	1,271,100	92	1,814,928	4,676	327,290	96,044	3,413,318	100,812

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
SOUTH DAKOTA								
-BLUEGILL			336,800	215	4,500	1,343	336,800	215
-BROOK TROUT					16,200	4,294	4,500	1,343
-BROWN TROUT							16,200	4,294
-CHANNEL CATFISH			20,000	227			20,000	227
-FALL CHINOOK SALMON	71,500	36	440,000	4,325			511,500	4,361
-LARGemouth BASS			212,300	257			212,300	257
-MUSKELLINGE			35,000	34	909	39	35,909	73
-NORTHERN PIKE	1,000,000	22					1,000,000	22
-OTHER COOL WATER			25,200	42			25,200	42
-OTHER PIKE	55,000	2	29,000	58			84,000	60
-RAINBOW TROUT			9,000	694	5,250	1,766	14,250	2,460
-SMALLMOUTH BASS			392,000	439			392,000	439
-WALLEYE	6,000,000	105	327,500	313			6,327,500	418
-WALLEYE X SAUGER	562,500	160					562,500	160
TOTAL SOUTH DAKOTA	7,689,000	325	1,826,800	6,604	26,859	7,442	9,542,659	14,371
TENNESSEE								
-BLUEGILL			324,735	576			324,735	576
-BROWN TROUT					20,000	2,958	20,000	2,958
-CHANNEL CATFISH			153,409	2,412	600	75	154,009	2,487
-LARGemouth BASS			48,911	128			48,911	128
-RAINBOW TROUT			217,672	8,178	686,681	224,791	904,353	232,969
-REDEAR SUNFISH			154,340	257			154,340	257
-SMALLMOUTH BASS	2,000	2	6,000	10			8,000	12
-STRIPED BASS(INLAND)			77,000	98			77,000	98
-WALLEYE	1,000,000	10					1,000,000	10
TOTAL TENNESSEE	1,002,000	12	982,067	11,659	707,281	227,824	2,691,348	239,495
TEXAS								
-CHANNEL CATFISH			34,000	850	59,541	21,076	93,541	21,926
-GOLDFISH			23,000	460	16,450	1,645	39,450	2,105
-LARGemouth BASS			287,867	1,622	17,383	3,161	305,250	4,783
-RAINBOW TROUT					237,117	47,627	237,117	47,627
-SMALLMOUTH BASS			45,600	57			45,600	57
TOTAL TEXAS			390,467	2,989	330,491	73,509	720,958	76,498

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY NUMBER	POUNDS	FINGERLING NUMBER	POUNDS	ADULT NUMBER	POUNDS	TOTAL NUMBER	POUNDS
UTAH								
-BEAUTIFUL SHINER			12	1			12	1
-BROOK TROUT			4,000	128			4,000	128
-CHANNEL CATFISH			197,555	2,840			197,555	2,840
-CHIHUAHUA CHUB			12	1	11	1	23	2
-COLORADO SQUAMFISH	10,206	1	224,398	17,583	36,218	12,512	10,206	1
-CUTTHROAT TROUT					36	4	260,616	30,095
-LARGEMOUTH BASS			1,045,205	27,940	258,292	69,255	36	4
-RAINBOW TROUT							1,303,497	97,195
TOTAL UTAH	10,206	1	1,471,182	48,493	294,557	81,772	1,775,945	130,266
VERMONT								
-ATLANTIC SALMON	568,046	5,261	52,000	11,961			620,046	17,222
-LANDLOCKED ATL. SAL.	36,000	14	12,376	884			36,000	14
-RAINBOW TROUT							12,376	884
TOTAL VERMONT	604,046	5,275	64,376	12,845			668,422	18,120
VIRGINIA								
-BLACK CRAPPIE			56	20			56	20
-BLUE CATFISH	80,000	8	21,140	814			101,140	822
-BROOK TROUT					1,678	699	1,678	699
-CHANNEL CATFISH	423,800	46	106,975	1,686			530,775	1,732
-COLDFISH					12	12	12	12
-LARGEMOUTH BASS	90,000	9	25,220	692			115,220	701
-RAINBOW TROUT					1,501	509	1,501	509
-STRIPED BASS (ANAD)			246,230	226			246,230	226
-STRIPED BASS (INLAND)			382,620	301			382,620	301
-WHITE X STRIPED BASS	750,000	8	13,390	1,608			763,390	1,616
TOTAL VIRGINIA	1,343,800	71	795,631	5,347	3,191	1,220	2,142,622	6,638
WASHINGTON								
-BROOK TROUT			500,916	11,450			500,916	11,450
-CHIN SALMON	2,309,392	5,878	3,437,204	5,977			5,746,596	11,855
-COHO SALMON	732,288	2,863	4,720,505	289,568			5,452,793	292,431
-CUTTHROAT TROUT			32,000	540			32,000	540
-FALL CHINOOK SALMON			27,053,133	362,644			27,053,133	362,644
-RAINBOW TROUT	1,395,600	2,598	388,698	10,257	50,070	15,713	438,768	25,970
-SPRING CHINOOK SAL	1,177,767	1,659	9,261,072	496,959			10,656,672	499,557
-STEELHEAD TROUT			270,284	40,088			1,448,031	41,727
TOTAL WASHINGTON	5,615,047	12,998	45,663,792	1,217,463	50,070	15,713	51,328,909	1,246,174

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
WEST VIRGINIA								
-ATLANTIC SALMON			29				29	
-BROOK TROUT	9,786	3	247		74,961	29,640	283,051	30,550
-BROWN TROUT			198,304	907	36,257	10,964	62,333	11,456
-CHANNEL CATFISH			26,076	492			72,350	1,313
-RAINBOW TROUT			72,350	1,313	265,741	126,747	466,308	131,582
-STRIPED BASS (ANAD)	200,000	2	200,567	4,835			202,500	8
-WALLEYE	100,000	4	2,500	6			100,000	4
TOTAL WEST VIRGINIA	309,786	9	500,044	7,582	376,959	167,351	1,186,789	174,942
WISCONSIN								
-BLACK BULLHEAD			25,000	50	50	25	25,050	75
-BLUEGILL			250,400	62	500	100	250,900	162
-BOWFIN					100	500	100	500
-BROOK TROUT			9,800	447			9,800	447
-CARP	13,500	1	41,800	69	710	1,480	710	1,480
-CHANNEL CATFISH					125	15	55,425	85
-CARP					40	80	40	80
-LAKE TROUT			605,900	27,576			605,900	27,576
-LARGemouth BASS			391,437	1,568	133	128	391,570	1,696
-NORTHERN PIKE			83	10	200	110	3,294,283	186
-OTHER SLICKERS	3,294,000	66			130	130	130	130
-OTHER WARM WATER					10,000	100	10,000	100
-RAINBOW TROUT			6,500	181	26,636	5,166	33,136	5,347
-SMALLMOUTH BASS			61,600	127			61,600	127
-WALLEYE	644,000	6	26,900	25	20	40	670,920	71
-YELLOW PERCH			6,000	3	300	225	6,300	228
TOTAL WISCONSIN	3,951,500	73	1,425,420	30,118	38,944	8,099	5,415,864	38,290
WYOMING								
-BLACK CRAPPIE			8,000	3			8,000	3
-BROOK TROUT			800	14			800	14
-BROWN TROUT			42,544	1,488			42,544	1,488
-CUTTHROAT TROUT			187,875	5,308	461,873	92,277	649,748	97,585
-LAKE TROUT					57,154	9,000	57,154	9,000
-OTHER FIRE			30,000	45			30,000	45
-RAINBOW TROUT			192,988	4,992	200,035	47,255	393,023	52,247
-SMALLMOUTH BASS			25,000	25			25,000	25
TOTAL WYOMING			487,207	11,875	719,062	148,532	1,206,269	160,407

U.S. FISH AND WILDLIFE SERVICE

TABLE 5: FISH DISTRIBUTION BY STATE
FISCAL YEAR ENDING 09-30-84

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
U.S. TOTAL	57,638,705	27,106	130,850,814	3,409,664	9,862,229	2,710,410	198,351,748	6,147,180
CANADA								
-LAKE TROUT			204,190	766			204,190	766
-LARGemouth BASS			52,000	102			52,000	102
-SMALLmouth BASS			62,000	92			62,000	92
TOTAL CANADA			318,190	960			318,190	960
TOTAL FOREIGN DIST.			318,190	960			318,190	960
** TOTAL FWS	57,638,705	27,106	131,169,004	3,410,624	9,862,229	2,710,410	198,669,938	6,148,140

GLOSSARY

Adult: Fish that have attained sexual maturity.

Anadromous fish: A marine fish, such as Pacific or Atlantic salmon, striped bass, and steelhead trout that migrate upstream into freshwater to spawn.

Atlantic Anadromous Program: Restoration of anadromous fish species, such as, Atlantic salmon, striped bass, and sturgeon.

Fingerling: Young fish between one and five inches in length. (For purposes of this Report, all parr and some smolts are included within the Fingerling Column).

Fry: Recently hatched fish that have reached the free-swimming and feeding stage.

Great Lakes Program: Restoration of the lake trout stocks in the Great Lakes.

Impoundment: All man-made lakes of fifty to five hundred acres.

Jurisdiction: Primary responsibility for the fishery program by ownership of water, enabling legislation, cooperative agreement, judicial directive, or other mandate.

Pacific Anadromous Program: Mitigation and restoration of anadromus fish species, such as, chinook, coho, and chum salmon, and steelhead trout.

Parr: A life stage of salmonid fishes that extends from the time feeding begins until the fish become sufficiently pigmented to obliterate the parr marks, usually ending during the first year.

Reservoir: A man-made lake over five hundred acres.

Transfer: The shipment of fish between national fish hatcheries.

Smolt: Juvenile salmonid at the time of physiological adaptation to life in the marine environment.

**SPECIES PRODUCED AND DISTRIBUTED TO MEET
FISHERY RESOURCES PROGRAM RESPONSIBILITIES**

The following lists the general groups and scientific names of fishes produced and distributed to meet Fishery Resources Program responsibilities. The nomenclature used is that established in the American Fisheries Society Special Publication Number 6 (1970), A List of Common and Scientific Names of Fishes from the United States and Canada.

<u>Common Name</u>	<u>Scientific Name</u>
<u>Salmonid (anadromous)</u>	
Chum salmon	<u>Oncorhynchus keta</u>
Coho salmon	<u>Oncorhynchus kisutch</u>
Chinook salmon	<u>Oncorhynchus tshawytscha</u>
Atlantic salmon	<u>Salmo salar</u>
Steelhead trout	<u>Salmo gairdneri</u>
<u>Salmonid (non-anadromous)</u>	
Cutthroat trout	<u>Salmo clarki</u>
Rainbow trout	<u>Salmo gairdneri</u>
Brown trout	<u>Salmo trutta</u>
Brook trout	<u>Salvelinus fontinalis</u>
Lake trout	<u>Salvelinus namaycush</u>
Landlocked Atlantic salmon . . .	<u>Salmo salar</u>
Kokanee salmon (landlocked) . . .	<u>Oncorhynchus nerka</u>
<u>Other anadromous species</u>	
Striped bass	<u>Morone saxatilis</u>
Atlantic sturgeon	<u>Acipenser oxyrinchus</u>
Shortnose sturgeon	<u>Acipenser brevirostrum</u>
<u>*Estuarine species</u>	
Red Drum	<u>Sciaenops ocellata</u>
Weakfish	<u>Cynoscion regalis</u>
Snook	<u>Centropomus undecimalis</u>

*Production beginning in FY 1985.

Coolwater species

Bonytail chub
Colorado squawfish
Muskellunge
Northern pike
Razorback sucker
Sauger
Walleye
Yellow perch

Gila elegans

Ptychocheilichthys lucius

Esox masquinongy

Esox lucius

Xyrauchen texanus

Stizostedion canadense

Stizostedion vitreum vitreum

Perca flavescens

Warmwater species

White bass
Smallmouth bass
Largemouth bass
Black crappie
Bluegill
Redear sunfish
Blue catfish
Channel catfish
Bullheads
Flathead catfish
Carp
Goldfish
Bowfin
Gars
Desert pupfish
Darters
Beautiful shiner

Morone chrysops

Micropterus dolomieu

Micropterus salmoides

Pomoxis nigromaculatus

Lepomis microchirus

Lepomis microlophus

Ictalurus furcatus

Ictalurus punctatus

Ictalurus species

Pylodictis olivaris

Cyprinus carpio

Carassius auratus

Amia calva

Lepisosteus species

Cyprinodon macularius

Etheostoma

Notropis formosus

ERRATA SHEET TO BE INSERTED AS PAGE #65a
IN THE FY 1984 PROPAGATION AND DISTRIBUTION
REPORT NO. 19

NATIONAL FISH HATCHERY SYSTEM
Production and Distribution Facilities*

Louisiana

Natchitoches	Natchitoches, 71457
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Maine

Craig Brook	East Orland, 04431
Green Lake	Ellsworth, 04633

Massachusetts

Berkshire	Great Barrington, 01230
North Attleboro	North Attleboro, 02760
Sunderland	Sunderland, 01375

Michigan

Hiawatha Forest	Brimley, 49715
Jordon River	Elmira, 49730
Pendills Creek	Brimley, 49715

Mississippi

Meridian	Meridian, 39301
Pvt. John Allen	Tupelo, 38801

Missouri

Neosho	Neosho, 64850
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Montana

Creston	Kalispell, 59901
Ennis	Ennis, 59729

Nevada

Lahontan	Gardnerville, 89410
*Marble Bluff	Nixon, 89420

New Hampshire

Litchfield	Nashua, 03060
Nashua	Nashua, 03060

New Mexico

Dexter	Dexter, 88230
Mescalero	Mescalero, 88340



Fish and Wildlife Service
Fishery Resources Program

NATIONAL FISH HATCHERY SYSTEM
Production and Distribution Facilities

<u>STATE AND STATION</u>	<u>POST OFFICE AND ZIP CODE</u>
<u>Alabama</u>	
Carbon Hill	Carbon Hill, 35549
<u>Arizona</u>	
Alchesay	Whiteriver, 85941
Williams Creek	Whiteriver, 85941
Willow Beach	Boulder City, NV 89005
<u>Arkansas</u>	
Greers Ferry	Heber Springs, 72543
Mammoth Spring	Mammoth Spring, 72554
Norfork	Mountain Home, 72653
<u>California</u>	
Coleman	Anderson, 96007
Tehama-Colusa	Red Bluff, 96080
<u>Colorado</u>	
Hotchkiss	Hotchkiss, 81419
Leadville	Leadville, 80461
<u>Florida</u>	
Welaka	Welaka, 32093
<u>Georgia</u>	
Chattahoochee Forest	Suches, 30752
Millen	Millen, 30442
Warm Springs	Warm Springs, 31830
<u>Idaho</u>	
Dworshak	Ahsahka, 83520
Hagerman	Hagerman, 83332
Kooskia	Kooskia, 83539
<u>Kentucky</u>	
Frankfort	Frankfort, 40601
Wolf Creek	Jamestown, 42629

NATIONAL FISH HATCHERY SYSTEM
Production and Distribution Facilities

North Carolina

Edenton	Edenton, 27932
McKinney Lake	Hoffman, 28347

North Dakota

Baldhill Dam	Valley City, 58072
Garrison Dam	Riverdale, 58565
Valley City	Valley City, 58072

Ohio

Senecaville	Senecaville, 43780
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Oklahoma

Tishomingo	Tishomingo, 73460
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Oregon

Eagle Creek	Estacada, 97023
Warm Springs	Warm Springs, 97761

Pennsylvania

Allegheny	Warren, 16365
Lamar	Lamar, 16848

South Carolina

Bears Bluff	Charleston, 29426
Orangeburg	Orangeburg, 29115
Walhalla	Walhalla, 29691

South Dakota

Gavins Point	Yankton, 57078
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Tennessee

Dale Hollow	Celina, 38551
Erwin	Erwin, 37650

Texas

Inks Dam	Burnett, 78611
San Marcos	San Marcos, 78666
Uvalde	Uvalde, 78801

NATIONAL FISH HATCHERY SYSTEM
Production and Distribution Facilities

Utah

Jones Hole	Vernal, 84078
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Vermont

Pittsford	Pittsford, 05763
White River	Bethel, 05032

Virginia

Harrison Lake	Charles City, 23030
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Washington

Abernathy	Longview, 98632
Carson	Carson, 98610
Entiat	Entiat, 98822
Leavenworth	Leavenworth, 98826
Little White Salmon	Cook, 98605
Makah	Neah Bay, 98357
Quilcene	Quilcene, 98376
Quinalt	Neilton, 98566
Spring Creek	Underwood, 98651
Willard	Cook, 98605
Winthrop	Winthrop, 98862
*Yakima Fish Screens	Union Gap, 98903

West Virginia

Bowden	Elkins, 26241
White Sulphur Springs	White Sulphur Springs, 24986

Wisconsin

Genoa	Genoa, 54632
Iron River	Iron River, 54847

Wyoming

Jackson	Jackson, 83001
Saratoga	Saratoga, 82331

* Non-production facility.

NATIONAL FISH HATCHERY SYSTEM

Fish Health Centers

Arizona

Pinetop Pinetop, 85935

Arkansas

Heber Springs Heber Springs, 72543

Colorado

Fort Morgan Fort Morgan, 80701

Idaho

Dworshak Ahsahka, 83520

North Carolina

Pisgah Forest Pisgah Forest, 28768

Pennsylvania

Lamar Lamar, 16848

Washington

Lower Columbia River Cook, 98605
Olympia Olympia, 98502

Wisconsin

LaCrosse Genoa, 54632

NATIONAL FISH HATCHERY SYSTEM

Fish Technology Centers

Montana

Bozeman Bozeman, 59715

Pennsylvania

Lamar Lamar, 16848

Texas

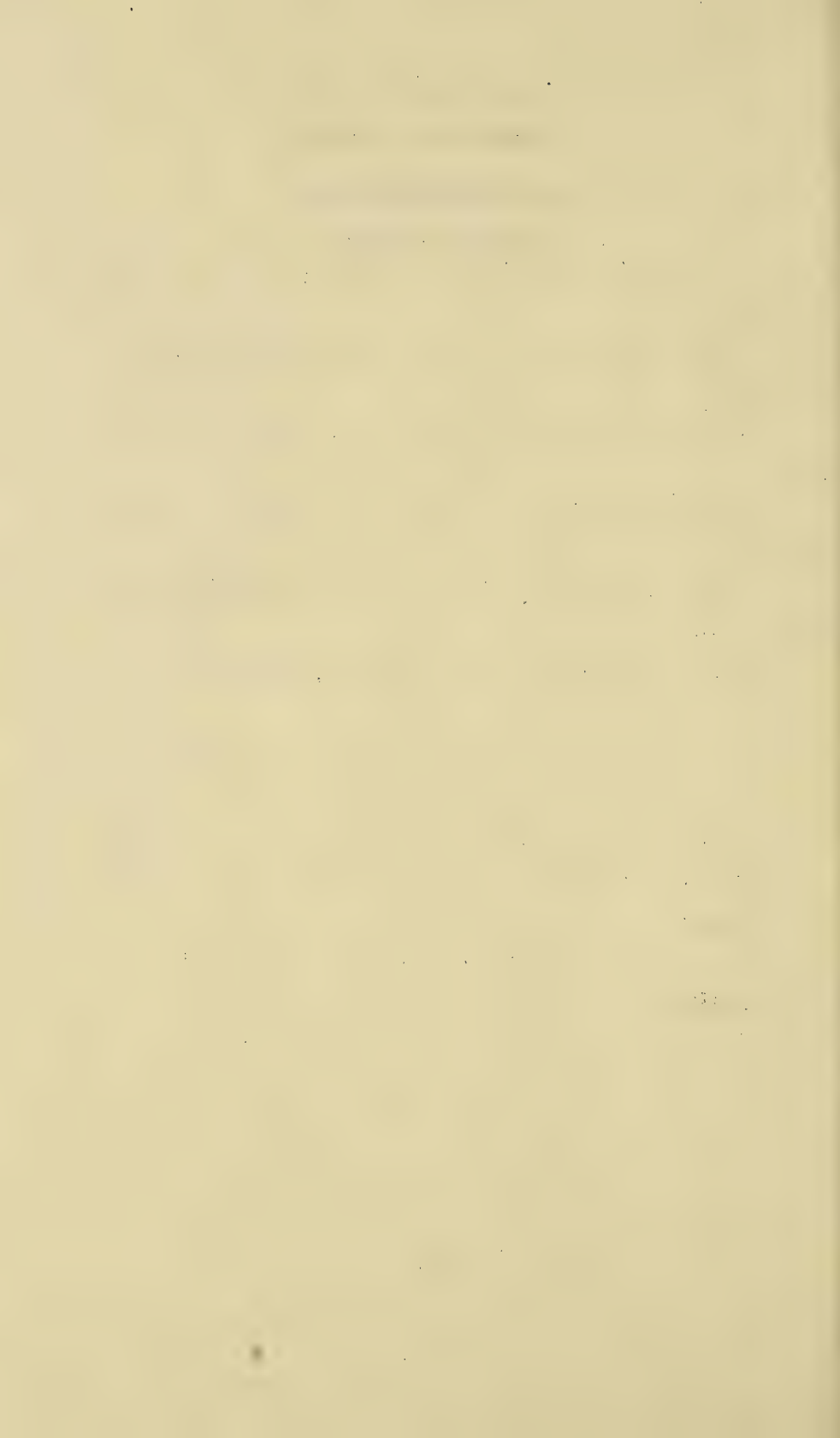
San Marcos San Marcos, 78666

Washington

Abernathy Longview, 98632

Wyoming

Beulah Beulah, 82712



U.S. Fish and Wildlife Service
Fisheries Resources Program

FISHERY ASSISTANCE STATIONS

ALASKA

Kenai	Kenai, 99611
Fairbanks	Fairbanks, 99701
King Salmon	King Salmon, 99613

ARKANSAS

Greers Ferry	Heber Springs, 72543
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ARIZONA

Parker	Parker, 85344
Pinetop	Pinetop, 85935

CALIFORNIA

Arcata	Arcata, 95521
Red Bluff	Red Bluff, 96080
Stockton	Stockton, 95205
Trinity River	Weaverville, 96093

COLORADO

Denver (Lakewood)	Golden, 80401
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FLORDIA

Panama City	Panama City, 32405
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IDAHO

Lower Snake River Coordinator	Cook, 98605
(Boise)	
Dworshak (Ahsahka).	Ahsahka, 83520

ILLINOIS

Carterville (Crab Orchard).	Carterville, 62918
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LOUISIANA

Natchitoches	Natchitoches, 71357
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Fishery Assistance Stations
continued

MARYLAND

Chesapeake Bay Coordinator Annapolis, 21401

MASSACHUSETTS

Connecticut River Anadromous
Fish Program (Hadley) Hadley, 01035

MICHIGAN

Elmira (Jordan River) Elmira, 49730

MINNESOTA

Winona (Upper Mississippi) Winona, 55987

MONTANA

Kalispell Kalispell, 59901

NEBRASKA

Valentine Valentine, 69201

NEW HAMPSHIRE

Laconia Laconia, 03246

NEW JERSEY

Delaware River Anadromous Program
(Rosemont) Rosemont, 88556

PENNSYLVANIA

Susquehanna River Coordinator . . . Harrisburg, 17105
(Harrisburg)
Warren Warren, 16365

Fishery Assistance Stations
continued

UTAH

Colorado R. Fishery Project	Salt Lake City, 84138
Vernal, UT	Vernal, 84078

VERMONT

Montpelier	Montpelier, 25602
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VIRGINIA

Yorktown (Gloucester Point)	Gloucester Point, 23062
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WASHINGTON

Leavenworth	Leavenworth, 98826
Olympia	Olympia, 98502
Vancouver	Vancouver, 98665

WISCONSIN

Iron River	Iron River, 54847
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WYOMING

Lander	Lander, 82520
Mammoth (Yellowstone)	Yellowstone National Park 82190

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